

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm <sup>2</sup> ]	[mm]	[x d]

## Siemens Power cables

## Basic cable



## 6FX8002-5CN06

PVC M.I.	01	MAT9761554	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98615122	(4G1.5)C	10.0	10
PUR M.I.	07	MAT98615123	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961560	(4G1.5)C	10.0	7.5

## 6FX8002-5CN16

PVC M.I.	01	MAT9761559	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT98615108	(4G2.5)C	11.5	10
PUR M.I.	07	MAT98615107	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961554	(4G2.5)C	11.5	7.5

## Basic cable



## 6FX8002-5CN26

PVC M.I.	01	MAT97515111	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98515130	(4G1.5)C	10.0	10
TPE F	02	MAT98515131	(4G1.5)C	10.0	7.5

## 6FX8002-5CN36

PVC M.I.	01	MAT9761556	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT98615102	(4G2.5)C	11.5	10
PUR M.I.	07	MAT98615103	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961552	(4G2.5)C	11.5	7.5

## 6FX8002-5CN46

PVC M.I.	01	MAT9761557	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT98615105	(4G4.0)C	13.0	10
TPE F	02	MAT9961553	(4G4.0)C	13.0	7.5

## 6FX8002-5CN56

PVC M.I.	01	MAT9761561	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT98615110	(4G6.0)C	15.0	10
TPE F	02	MAT9961555	(4G6.0)C	16.0	7.5

## Basic cable



## 6FX8002-5CS06

PVC M.I.	01	MAT9761568	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT98615120	(4G1.5)C	10.0	10
PUR M.I.	07	MAT98615121	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961559	(4G1.5)C	10.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm <sup>2</sup> ]	[mm]	[x d]

## Siemens Power cables

## Basic cable



## 6FX\_002-5CA01

PVC M.I.	01	MAT9150001	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861504	(4G1.5)C	10.0	10
TPE F	02	MAT9050001	(4G1.5)C	10.0	7.5

## 6FX\_002-5CA11

PVC M.I.	01	MAT9150002	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861505	(4G2.5)C	11.5	10
TPE F	02	MAT9050002	(4G2.5)C	11.5	7.5

## Basic cable



## 6FX\_002-5CA13

PVC M.I.	01	MAT9150009	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861524	(4G10)C	18.0	10
TPE F	02	MAT9050009	(4G10)C	18.5	7.5

## Basic cable



## 6FX\_002-5CA21

PVC M.I.	01	MAT9150003	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861506	(4G1.5)C	10.0	10
TPE F	02	MAT9050003	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CA23

PVC M.I.	01	MAT9150008	(4G16)C	23.0	7.5
PUR O.I.	06	MAT9861511	(4G16)C	22.0	10
TPE F	02	MAT9050008	(4G16)C	23.0	7.5

## Basic cable



## 6FX\_002-5CA31

PVC M.I.	01	MAT9150004	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861507	(4G2.5)C	11.5	10
TPE F	02	MAT9050004	(4G2.5)C	11.5	7.5

## 6FX\_002-5CA41

PVC M.I.	01	MAT9150005	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861508	(4G4.0)C	13.0	10
TPE F	02	MAT9050005	(4G4.0)C	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm <sup>2</sup> ]	[mm]	[x d]

## Siemens Power cables

## Basic cable



## 6FX\_002-5CA51

PVC M.I.	01	MAT9150006	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861509	(4G6.0)C	15.0	10
TPE F	02	MAT9050006	(4G6.0)C	16.0	7.5
6FX_002-5CA61					
PVC M.I.	01	MAT9150007	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861510	(4G10)C	18.0	10
TPE F	02	MAT9050007	(4G10)C	18.5	7.5

## Basic cable



## 6FX\_002-5CG01

PVC M.I.	01	MAT9761512	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861542	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861541	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961512	(4G1.5)C	10.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5CG10

PVC M.I.	01	MAT9761540	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861584	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861583	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961540	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CG11

PVC M.I.	01	MAT9761514	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861546	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9861545	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961514	(4G2.5)C	11.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5CG12

PVC M.I.	01	MAT9761541	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861586	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9861585	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961541	(4G2.5)C	11.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section	Ø	R min.
		[mm <sup>2</sup> ]	[mm]	[x d]

## Siemens Power cables

## Basic cable



## 6FX\_002-5CG13

PVC M.I.	01	MAT9761520	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861553	(4G10)C	18.0	10
TPE F	02	MAT9961520	(4G10)C	18.5	7.5
6FX_002-5CG21					
PVC M.I.	01	MAT9761513	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861544	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861543	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961513	(4G1.5)C	10.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5CG22

PVC M.I.	01	MAT9761542	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861588	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861587	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961542	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CG23

PVC M.I.	01	MAT9761521	(4G16)C	23.0	7.5
PUR O.I.	06	MAT9861554	(4G16)C	22.0	10
TPE F	02	MAT9961521	(4G16)C	23.0	7.5

## 6FX\_002-5CG31

PVC M.I.	01	MAT9761516	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861549	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9861548	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961516	(4G2.5)C	11.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5CG32

PVC M.I.	01	MAT9761543	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861590	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9861589	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961543	(4G2.5)C	11.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable</b>				
<b>6FX_002-5CG41</b>				
PVC M.I.	<b>01</b>	MAT9761517	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861550	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9961517	(4G4.0)C	13.0 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CG42</b>				
PVC M.I.	<b>01</b>	MAT9761544	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861591	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9961544	(4G4.0)C	13.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CG51</b>				
PVC M.I.	<b>01</b>	MAT9761518	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861551	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961518	(4G6.0)C	16.0 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CG52</b>				
PVC M.I.	<b>01</b>	MAT9761545	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861592	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961545	(4G6.0)C	16.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CG61</b>				
PVC M.I.	<b>01</b>	MAT9761519	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861552	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961519	(4G10)C	18.5 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CG62</b>				
PVC M.I.	<b>01</b>	MAT9761546	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861593	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961546	(4G10)C	18.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable</b>				
<b>6FX_002-5CK01</b>				
PUR M.I.	<b>07</b>	MAT98615112	(4G0.75)C	9.5 7.5
TPE F	<b>02</b>	MAT9961556	(4G0.75)C	8.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CL01</b>				
PVC M.I.	<b>01</b>	MAT9761563	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT98615114	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT98615115	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961557	(4G1.5)C	10.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CL02</b>				
PVC M.I.	<b>01</b>	MAT9761572	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT98615126	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT98615127	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961563	(4G1.5)C	10.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CL12</b>				
PVC M.I.	<b>01</b>	MAT9761573	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT98615128	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT98615129	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961564	(4G2.5)C	11.5 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CN01</b>				
PVC M.I.	<b>01</b>	MAT9761531	(4G1.5)C	10.0 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CN01</b>				
PUR O.I.	<b>06</b>	MAT9861571	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861570	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961531	(4G1.5)C	10.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CN11</b>				
PVC M.I.	<b>01</b>	MAT9761532	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861573	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861572	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961532	(4G2.5)C	11.5 7.5
<b>6FX_002-5CN21</b>				
PVC M.I.	<b>01</b>	MAT9761533	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861575	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861574	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961533	(4G1.5)C	10.0 7.5
<b>6FX_002-5CN31</b>				
PVC M.I.	<b>01</b>	MAT9761534	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861577	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861576	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961534	(4G2.5)C	11.5 7.5
<b>6FX_002-5CN41</b>				
PVC M.I.	<b>01</b>	MAT9761535	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861578	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9961535	(4G4.0)C	13.0 7.5
<b>6FX_002-5CN51</b>				
PVC M.I.	<b>01</b>	MAT9761536	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861579	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961536	(4G6.0)C	16.0 7.5

**Basic cable SpeedTec****6FX\_002-5CN54**

PVC M.I.	<b>01</b>	MAT9761537	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861580	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961537	(4G6.0)C	16.0 7.5

**Basic cable SpeedTec****6FX\_002-5CN61**

PVC M.I.	<b>01</b>	MAT9761538	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861581	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961538	(4G10)C	18.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CN64</b>				
PVC M.I.	<b>01</b>	MAT9761539	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861582	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961539	(4G10)C	18.5 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5CQ01</b>				
PVC M.I.	<b>01</b>	MAT9761524	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861560	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861559	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961524	(4G1.5)C	10.0 7.5
<b>6FX_002-5CQ11</b>				
PVC M.I.	<b>01</b>	MAT9761525	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861562	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861561	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961525	(4G2.5)C	11.5 7.5
<b>6FX_002-5CQ21</b>				
PVC M.I.	<b>01</b>	MAT9761526	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861564	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861563	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961526	(4G1.5)C	10.0 7.5
<b>6FX_002-5CQ31</b>				
PVC M.I.	<b>01</b>	MAT9761527	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861566	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861565	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961527	(4G2.5)C	11.5 7.5
<b>6FX_002-5CQ41</b>				
PVC M.I.	<b>01</b>	MAT9761528	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861567	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9961528	(4G4.0)C	13.0 7.5
<b>6FX_002-5CQ51</b>				
PVC M.I.	<b>01</b>	MAT9761529	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861568	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961529	(4G6.0)C	16.0 7.5
<b>6FX_002-5CQ61</b>				
PVC M.I.	<b>01</b>	MAT9761530	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861569	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961530	(4G10)C	18.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Power cables

## Basic cable



## 6FX\_002-5CS01

PVC M.I.	<b>01</b>	MAT9150020	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861512	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861501	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9050020	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CS02

PVC M.I.	<b>01</b>	MAT9761501	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861526	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861525	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9961501	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CS11

PVC M.I.	<b>01</b>	MAT9761502	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861528	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861527	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961502	(4G2.5)C	11.5	7.5

## Basic cable



## 6FX\_002-5CS12

PVC M.I.	<b>01</b>	MAT9761503	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861530	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861529	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9961503	(4G2.5)C	11.5	7.5

## Basic cable



## 6FX\_002-5CS13

PVC M.I.	<b>01</b>	MAT9761504	(4G10)C	18.5	7.5
PUR O.I.	<b>06</b>	MAT9861531	(4G10)C	18.0	10
TPE F	<b>02</b>	MAT9961504	(4G10)C	18.5	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Power cables

## 6FX\_002-5CS21

PVC M.I.	<b>01</b>	MAT9150021	(4G1.5)C	10.0	7.5
PUR O.I.	<b>06</b>	MAT9861513	(4G1.5)C	10.0	10
PUR M.I.	<b>07</b>	MAT9861502	(4G1.5)C	11.0	7.5
TPE F	<b>02</b>	MAT9050021	(4G1.5)C	10.0	7.5

## Basic cable



## 6FX\_002-5CS23

PVC M.I.	<b>01</b>	MAT9761515	(4G16)C	23.0	7.5
PUR O.I.	<b>06</b>	MAT9861547	(4G16)C	22.0	10
TPE F	<b>02</b>	MAT9961515	(4G16)C	23.0	7.5

## 6FX\_002-5CS24

PVC M.I.	<b>01</b>	MAT9761570	(4G16)C	23.0	7.5
PUR O.I.	<b>06</b>	MAT98615125	(4G16)C	22.0	10
TPE F	<b>02</b>	MAT9961561	(4G16)C	23.0	7.5
TPE H*	<b>03</b>	MAT9961562	(4G16)C	23.0	7.5

## Basic cable



## 6FX\_002-5CS31

PVC M.I.	<b>01</b>	MAT9150022	(4G2.5)C	11.5	7.5
PUR O.I.	<b>06</b>	MAT9861514	(4G2.5)C	11.5	10
PUR M.I.	<b>07</b>	MAT9861503	(4G2.5)C	12.5	7.5
TPE F	<b>02</b>	MAT9050022	(4G2.5)C	11.5	7.5

## 6FX\_002-5CS41

PVC M.I.	<b>01</b>	MAT9150023	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9861533	(4G4.0)C	13.0	10
TPE F	<b>02</b>	MAT9050023	(4G4.0)C	13.0	7.5

## Basic cable



## 6FX\_002-5CS42

PVC M.I.	<b>01</b>	MAT9761506	(4G4.0)C	13.0	7.5
PUR O.I.	<b>06</b>	MAT9861534	(4G4.0)C	13.0	10
TPE F	<b>02</b>	MAT9961506	(4G4.0)C	13.0	7.5

## Basic cable



## 6FX\_002-5CS51

PVC M.I.	<b>01</b>	MAT9150024	(4G6.0)C	16.0	7.5
PUR O.I.	<b>06</b>	MAT9861535	(4G6.0)C	15.0	10
TPE F	<b>02</b>	MAT9050024	(4G6.0)C	16.0	7.5

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>Basic cable</b>				
<b>6FX_002-5CS52</b>				
PVC M.I.	<b>01</b>	MAT9761507	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861536	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961507	(4G6.0)C	16.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CS54</b>				
PVC M.I.	<b>01</b>	MAT9761508	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861537	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9961508	(4G6.0)C	16.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5CS61</b>				
PVC M.I.	<b>01</b>	MAT9761509	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861538	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961509	(4G10)C	18.5 7.5
<b>Basic cable</b>				
<b>6FX_002-5CS62</b>				
PVC M.I.	<b>01</b>	MAT9761510	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861539	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961510	(4G10)C	18.5 7.5
<b>Basic cable</b>				
<b>6FX_002-5CS64</b>				
PVC M.I.	<b>01</b>	MAT9761511	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861540	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9961511	(4G10)C	18.5 7.5
<b>Extension cable</b>				
<b>6FX_002-5CA05</b>				
PVC M.I.	<b>01</b>	MAT9151001	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861515	(4G1.5)C	10.0 10
TPE F	<b>02</b>	MAT9051001	(4G1.5)C	10.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Power cables</b>				
<b>6FX_002-5CA15</b>				
PVC M.I.	<b>01</b>	MAT9151002	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861516	(4G2.5)C	11.5 10
TPE F	<b>02</b>	MAT9051002	(4G2.5)C	11.5 7.5
<b>Extension cable</b>				
<b>6FX_002-5CA28</b>				
PVC M.I.	<b>01</b>	MAT9151003	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861517	(4G1.5)C	10.0 10
TPE F	<b>02</b>	MAT9051003	(4G1.5)C	10.0 7.5
<b>6FX_002-5CA38</b>				
PVC M.I.	<b>01</b>	MAT9151004	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861518	(4G2.5)C	11.5 10
TPE F	<b>02</b>	MAT9051004	(4G2.5)C	11.5 7.5
<b>6FX_002-5CA48</b>				
PVC M.I.	<b>01</b>	MAT9151005	(4G4.0)C	13.0 7.5
PUR O.I.	<b>06</b>	MAT9861519	(4G4.0)C	13.0 10
TPE F	<b>02</b>	MAT9051005	(4G4.0)C	13.0 7.5
<b>6FX_002-5CA58</b>				
PVC M.I.	<b>01</b>	MAT9151006	(4G6.0)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9861520	(4G6.0)C	15.0 10
TPE F	<b>02</b>	MAT9051006	(4G6.0)C	16.0 7.5
<b>6FX_002-5CA68</b>				
PVC M.I.	<b>01</b>	MAT9151007	(4G10)C	18.5 7.5
PUR O.I.	<b>06</b>	MAT9861521	(4G10)C	18.0 10
TPE F	<b>02</b>	MAT9051007	(4G10)C	18.5 7.5
<b>Extension cable SpeedTec</b>				
<b>6FX_002-5CN05</b>				
PVC M.I.	<b>01</b>	MAT9761522	(4G1.5)C	10.0 7.5
PUR O.I.	<b>06</b>	MAT9861556	(4G1.5)C	10.0 10
PUR M.I.	<b>07</b>	MAT9861555	(4G1.5)C	11.0 7.5
TPE F	<b>02</b>	MAT9961522	(4G1.5)C	10.0 7.5
<b>6FX_002-5CQ15</b>				
PVC M.I.	<b>01</b>	MAT9761523	(4G2.5)C	11.5 7.5
PUR O.I.	<b>06</b>	MAT9861558	(4G2.5)C	11.5 10
PUR M.I.	<b>07</b>	MAT9861557	(4G2.5)C	12.5 7.5
TPE F	<b>02</b>	MAT9961523	(4G2.5)C	11.5 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Power cables

## Extension cable SpeedTec



## 6FX\_002-5CQ28

PVC M.I.	01	MAT9761547	(4G1.5)C	10.0	7.5
PUR O.I.	06	MAT9861595	(4G1.5)C	10.0	10
PUR M.I.	07	MAT9861594	(4G1.5)C	11.0	7.5
TPE F	02	MAT9961547	(4G1.5)C	10.0	7.5

## Extension cable SpeedTec



## 6FX\_002-5CQ38

PVC M.I.	01	MAT9761548	(4G2.5)C	11.5	7.5
PUR O.I.	06	MAT9861597	(4G2.5)C	11.5	10
PUR M.I.	07	MAT9861596	(4G2.5)C	12.5	7.5
TPE F	02	MAT9961548	(4G2.5)C	11.5	7.5

## 6FX\_002-5CQ48

PVC M.I.	01	MAT9761549	(4G4.0)C	13.0	7.5
PUR O.I.	06	MAT9861598	(4G4.0)C	13.0	10
TPE F	02	MAT9961549	(4G4.0)C	13.0	7.5

## 6FX\_002-5CQ58

PVC M.I.	01	MAT9761550	(4G6.0)C	16.0	7.5
PUR O.I.	06	MAT9861599	(4G6.0)C	15.0	10
TPE F	02	MAT9961550	(4G6.0)C	16.0	7.5

## 6FX\_002-5CQ68

PVC M.I.	01	MAT9761551	(4G10)C	18.5	7.5
PUR O.I.	06	MAT98615100	(4G10)C	18.0	10
TPE F	02	MAT9961551	(4G10)C	18.5	7.5

## Extension cable



## 6FX\_002-5CX18

PVC M.I.	01	MAT9151009	(4G10)C	18.5	7.5
PUR O.I.	06	MAT9861522	(4G10)C	18.0	10
TPE F	02	MAT9051009	(4G10)C	18.5	7.5

## 6FX\_002-5CX28

PVC M.I.	01	MAT9151008	(4G16)C	23.0	7.5
PUR O.I.	06	MAT9861523	(4G16)C	22.0	10
TPE F	02	MAT9051008	(4G16)C	23.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Basic cable



## 6FX\_002-5DA01

PVC O.I.	04	MAT9751501	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160001	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851501	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060001	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DA11

PVC O.I.	04	MAT9751502	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9160002	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851502	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9060002	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable



## 6FX\_002-5DA21

PVC O.I.	04	MAT9751503	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160003	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851503	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060003	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DA23

PVC M.I.	05	MAT9160008	(4G16+(2x1.5)C)C	25.0	7.5
PUR O.I.	06	MAT9851508	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	07	MAT9060008	(4G16+(2x1.5)C)C	24.0	7.5

## Basic cable



## 6FX\_002-5DA30

PVC O.I.	04	MAT97515127	(4G1.5+(2x1.5)C)	12.5	10
PUR O.I.	06	MAT98515151	(4G1.5+(2x1.5)C)	12.5	10

## Basic cable



## 6FX\_002-5DA31

PVC O.I.	04	MAT9751504	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9160004	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851504	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9060004	(4G2.5+(2x1.5)C)C	14.5	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Servo cables</b>				
<b>Basic cable</b>				
<b>6FX_002-5DA33</b>				
PVC M.I.	<b>05</b>	MAT9160009	(4G25+(2x1.5)C)C	30.0 7.5
PUR M.I.	<b>07</b>	MAT9060009	(4G25+(2x1.5)C)C	28.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DA41</b>				
PVC O.I.	<b>04</b>	MAT9751505	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	<b>05</b>	MAT9160005	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	<b>06</b>	MAT9851505	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	<b>07</b>	MAT9060005	(4G4.0+(2x1.5)C)C	16.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DA43</b>				
PVC M.I.	<b>05</b>	MAT9160010	(4G35+(2x1.5)C)C	33.5 7.5
PUR M.I.	<b>07</b>	MAT9060010	(4G35+(2x1.5)C)C	32.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DA51</b>				
PVC O.I.	<b>04</b>	MAT9751506	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	<b>05</b>	MAT9160006	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	<b>06</b>	MAT9851506	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	<b>07</b>	MAT9060006	(4G6.0+(2x1.5)C)C	17.5 7.5
<b>6FX_002-5DA61</b>				
PVC M.I.	<b>05</b>	MAT9160007	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	<b>06</b>	MAT9851507	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	<b>07</b>	MAT9060007	(4G10+(2x1.5)C)C	21.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DG01</b>				
PVC O.I.	<b>04</b>	MAT9751529	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	<b>05</b>	MAT9751528	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	<b>06</b>	MAT9851541	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	<b>07</b>	MAT9851540	(4G1.5+(2x1.5)C)	13.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Servo cables</b>				
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5DG10</b>				
PVC O.I.	<b>04</b>	MAT9751589	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	<b>05</b>	MAT9751588	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	<b>06</b>	MAT98515107	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	<b>07</b>	MAT98515106	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Basic cable</b>				
<b>6FX_002-5DG11</b>				
PVC O.I.	<b>04</b>	MAT9751533	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	<b>05</b>	MAT9751532	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	<b>06</b>	MAT9851545	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	<b>07</b>	MAT9851544	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>Basic cable SpeedTec</b>				
<b>6FX_002-5DG12</b>				
PVC O.I.	<b>04</b>	MAT9751593	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	<b>05</b>	MAT9751592	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	<b>06</b>	MAT98515111	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	<b>07</b>	MAT98515110	(4G2.5+(2x1.5)C)C	14.5 7.5
<b>Basic cable</b>				
<b>6FX_002-5DG13</b>				
PVC M.I.	<b>05</b>	MAT9751541	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	<b>06</b>	MAT9851555	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	<b>07</b>	MAT9851554	(4G10+(2x1.5)C)C	21.0 7.5
<b>6FX_002-5DG21</b>				
PVC O.I.	<b>04</b>	MAT9751531	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	<b>05</b>	MAT9751530	(4G1.5+(2x1.5)C)	13.0 7.5
<b>Basic cable</b>				
<b>PUR O.I.</b>				
	<b>06</b>	MAT9851543	(4G1.5+(2x1.5)C)	12.5 10
<b>PUR M.I.</b>				
	<b>07</b>	MAT9851542	(4G1.5+(2x1.5)C)	13.0 7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915



\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DG22

PVC O.I.	04	MAT9751591	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751590	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515109	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515108	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DG23

PUR O.I.	06	MAT9851557	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	07	MAT9851556	(4G16+(2x1.5)C)C	24.0	7.5

## 6FX\_002-5DG31

PVC O.I.	04	MAT9751535	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751534	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851547	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851546	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DG32

PVC O.I.	04	MAT9751595	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751594	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT98515113	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT98515112	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable



## 6FX\_002-5DG33

PUR M.I.	07	MAT9851558	(4G25+(2x1.5)C)C	28.0	7.5
----------	----	------------	------------------	------	-----

## 6FX\_002-5DG41

PVC O.I.	04	MAT9751537	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751536	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851549	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851548	(4G4.0+(2x1.5)C)C	16.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DG42

PVC O.I.	04	MAT9751597	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751596	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT98515115	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT98515114	(4G4.0+(2x1.5)C)C	16.0	7.5

## Basic cable



## 6FX\_002-5DG43

PUR M.I.	07	MAT9851559	(4G35+(2x1.5)C)C	32.0	7.5
----------	----	------------	------------------	------	-----

## 6FX\_002-5DG51

PVC O.I.	04	MAT9751539	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751538	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851551	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851550	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DG52

PVC O.I.	04	MAT9751599	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751598	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT98515117	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT98515116	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable



## 6FX\_002-5DG61

PVC M.I.	05	MAT9751540	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851553	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851552	(4G10+(2x1.5)C)C	21.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DG62

PVC M.I.	05	MAT97515100	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT98515119	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT98515118	(4G10+(2x1.5)C)C	21.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DN01

PVC O.I.	04	MAT9751571	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751570	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851589	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851588	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DN06

PVC O.I.	04	MAT97515103	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT97515102	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515122	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515123	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN11

PVC O.I.	04	MAT9751573	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751572	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851591	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851590	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable



## 6FX\_002-5DN16

PVC O.I.	04	MAT97515108	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT97515109	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT98515129	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT98515128	(4G2.5+(2x1.5)C)C	14.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN21

PVC O.I.	04	MAT9751575	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751574	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851593	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851592	(4G1.5+(2x1.5)C)	13.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Basic cable



## 6FX\_002-5DN26

PVC O.I.	04	MAT97515125	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT97515126	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515145	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515146	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN27

PVC O.I.	04	MAT97515128	(4G1.5+(2x1.5)C)	12.5	10
PUR O.I.	06	MAT98515152	(4G1.5+(2x1.5)C)	12.5	10

## Basic cable



## 6FX\_002-5DN30

PVC O.I.	04	MAT9761566	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT98615117	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9761565	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98615116	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN31

PVC O.I.	04	MAT9751577	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751576	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851595	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851594	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DN41

PVC O.I.	04	MAT9751579	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751578	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851597	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851596	(4G4.0+(2x1.5)C)C	16.0	7.5

## Basic cable



## 6FX\_002-5DN46

PVC O.I.	04	MAT97515113	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT97515114	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT98515133	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT98515134	(4G4.0+(2x1.5)C)C	16.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core

\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DN51

PVC O.I.	04	MAT9751581	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751580	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851599	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851598	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN54

PVC O.I.	04	MAT9751583	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751582	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT98515101	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT98515100	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable



## 6FX\_002-5DN56

PVC O.I.	04	MAT97515119	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT97515120	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT98515139	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT98515140	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN61

PVC M.I.	05	MAT9751584	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT98515103	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT98515102	(4G10+(2x1.5)C)C	21.0	7.5

## Basic cable SpeedTec



## 6FX\_002-5DN64

PVC M.I.	05	MAT9751586	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT98515105	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT98515104	(4G10+(2x1.5)C)C	21.0	7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. G = with green-yellow earth core, x = without earth core  
\* Cable qualities: M.I. = with inner jacket, O.I. = without inner jacket, F = flame-retardant, H = halogen-free OIL = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Basic cable SpeedTec



## 6FX\_002-5DQ01

PVC O.I.	04	MAT9751557	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751556	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851575	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851574	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DQ11

PVC O.I.	04	MAT9751559	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751558	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851577	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851576	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DQ21

PVC O.I.	04	MAT9751561	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9751560	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851579	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9851578	(4G1.5+(2x1.5)C)	13.0	7.5

## 6FX\_002-5DQ31

PVC O.I.	04	MAT9751563	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT9751562	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851581	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851580	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DQ41

PVC O.I.	04	MAT9751565	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751564	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851583	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851582	(4G4.0+(2x1.5)C)C	16.0	7.5

## 6FX\_002-5DQ51

PVC O.I.	04	MAT9751567	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751566	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851585	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851584	(4G6.0+(2x1.5)C)C	17.5	7.5

## 6FX\_002-5DQ61

PVC M.I.	05	MAT9751568	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851587	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851586	(4G10+(2x1.5)C)C	21.0	7.5

## Basic cable



## 6FX\_002-5DS01

PVC O.I.	04	MAT9751507	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160020	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT9851509	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060020	(4G1.5+(2x1.5)C)	13.0	7.5

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Basic cable



## 6FX\_002-5DS06

PVC O.I.	04	MAT97515105	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT97515104	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515124	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT98515125	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DS11

PVC O.I.	04	MAT97515116	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT97515115	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT9851523	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT9851522	(4G2.5+(2x1.5)C)C	14.5	7.5

## 6FX\_002-5DS13

PVC M.I.	05	MAT97515117	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851525	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851524	(4G10+(2x1.5)C)C	21.0	7.5

## 6FX\_002-5DS21

PVC O.I.	04	MAT97515108	(4G1.5+(2x1.5)C)	12.5	10
PVC M.I.	05	MAT9160021	(4G1.5+(2x1.5)C)	13.0	7.5
PUR O.I.	06	MAT98515110	(4G1.5+(2x1.5)C)	12.5	10
PUR M.I.	07	MAT9060021	(4G1.5+(2x1.5)C)	13.0	7.5

## Basic cable



## 6FX\_002-5DS23

PUR O.I.	06	MAT9851527	(4G16+(2x1.5)C)C	24.0	10
PUR M.I.	07	MAT9851526	(4G16+(2x1.5)C)C	24.0	7.5

## 6FX\_002-5DS33

PUR M.I.	07	MAT9851532	(4G25+(2x1.5)C)C	28.0	7.5
----------	----	------------	------------------	------	-----

## Basic cable



## 6FX\_002-5DS36

PVC O.I.	04	MAT97515107	(4G2.5+(2x1.5)C)C	14.0	10
PVC M.I.	05	MAT97515106	(4G2.5+(2x1.5)C)C	14.5	7.5
PUR O.I.	06	MAT98515127	(4G2.5+(2x1.5)C)C	14.0	10
PUR M.I.	07	MAT98515126	(4G2.5+(2x1.5)C)C	14.5	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Basic cable



## 6FX\_002-5DS41

PVC O.I.	04	MAT9751522	(4G4.0+(2x1.5)C)C	15.0	10
PVC M.I.	05	MAT9751521	(4G4.0+(2x1.5)C)C	16.0	7.5
PUR O.I.	06	MAT9851531	(4G4.0+(2x1.5)C)C	15.0	10
PUR M.I.	07	MAT9851530	(4G4.0+(2x1.5)C)C	16.0	7.5

## Basic cable



## 6FX\_002-5DS43

PUR M.I.	07	MAT9851533	(4G35+(2x1.5)C)C	32.0	7.5
----------	----	------------	------------------	------	-----

## Basic cable



## 6FX\_002-5DS51

PVC O.I.	04	MAT9751524	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751523	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851535	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851534	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable



## 6FX\_002-5DS54

PVC O.I.	04	MAT9751526	(4G6.0+(2x1.5)C)C	16.5	10
PVC M.I.	05	MAT9751525	(4G6.0+(2x1.5)C)C	18.0	7.5
PUR O.I.	06	MAT9851537	(4G6.0+(2x1.5)C)C	16.5	10
PUR M.I.	07	MAT9851536	(4G6.0+(2x1.5)C)C	17.5	7.5

## Basic cable



## 6FX\_002-5DS61

PVC M.I.	05	MAT9160022	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851511	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9060022	(4G10+(2x1.5)C)C	21.0	7.5

## Basic cable



## 6FX\_002-5DS64

PVC M.I.	05	MAT9751527	(4G10+(2x1.5)C)C	21.5	7.5
PUR O.I.	06	MAT9851539	(4G10+(2x1.5)C)C	21.0	10
PUR M.I.	07	MAT9851538	(4G10+(2x1.5)C)C	21.0	7.5

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Extension cable



6FX_002-5DA05				
PVC O.I.	04	MAT9751509	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9161001	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851512	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9061001	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DA15				
PVC O.I.	04	MAT9751510	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9161002	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851513	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9061002	(4G2.5+(2x1.5)C)C	14.5 7.5

## Extension cable



6FX_002-5DA28				
PVC O.I.	04	MAT9751511	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9161003	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851514	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9061003	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DA38				
PVC O.I.	04	MAT9751512	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9161004	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851515	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9061004	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DA48				
PVC O.I.	04	MAT9751513	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9161005	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851516	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9061005	(4G4.0+(2x1.5)C)C	16.0 7.5

## Extension cable



6FX_002-5DA58				
PVC O.I.	04	MAT9751514	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9161006	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851517	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9061006	(4G6.0+(2x1.5)C)C	17.5 7.5
6FX_002-5DA68				
PVC M.I.	05	MAT9161007	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851518	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9061007	(4G10+(2x1.5)C)C	21.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Servo cables

## Extension cable SpeedTec



6FX_002-5DN05				
PVC O.I.	04	MAT9751544	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751543	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851561	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851560	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DN15				
PVC O.I.	04	MAT9751546	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751545	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851563	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851562	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DQ15				
PVC O.I.	04	MAT97515122	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT97515123	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT98515142	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT98515143	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DQ28				
PVC O.I.	04	MAT9751548	(4G1.5+(2x1.5)C)	12.5 10
PVC M.I.	05	MAT9751547	(4G1.5+(2x1.5)C)	13.0 7.5
PUR O.I.	06	MAT9851565	(4G1.5+(2x1.5)C)	12.5 10
PUR M.I.	07	MAT9851564	(4G1.5+(2x1.5)C)	13.0 7.5
6FX_002-5DQ38				
PVC O.I.	04	MAT9751550	(4G2.5+(2x1.5)C)C	14.0 10
PVC M.I.	05	MAT9751549	(4G2.5+(2x1.5)C)C	14.5 7.5
PUR O.I.	06	MAT9851567	(4G2.5+(2x1.5)C)C	14.0 10
PUR M.I.	07	MAT9851566	(4G2.5+(2x1.5)C)C	14.5 7.5
6FX_002-5DQ48				
PVC O.I.	04	MAT9751552	(4G4.0+(2x1.5)C)C	15.0 10
PVC M.I.	05	MAT9751551	(4G4.0+(2x1.5)C)C	16.0 7.5
PUR O.I.	06	MAT9851569	(4G4.0+(2x1.5)C)C	15.0 10
PUR M.I.	07	MAT9851568	(4G4.0+(2x1.5)C)C	16.0 7.5
6FX_002-5DQ58				
PVC O.I.	04	MAT9751554	(4G6.0+(2x1.5)C)C	16.5 10
PVC M.I.	05	MAT9751553	(4G6.0+(2x1.5)C)C	18.0 7.5
PUR O.I.	06	MAT9851571	(4G6.0+(2x1.5)C)C	16.5 10
PUR M.I.	07	MAT9851570	(4G6.0+(2x1.5)C)C	17.5 7.5
6FX_002-5DQ68				
PVC M.I.	05	MAT9751555	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851573	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9851572	(4G10+(2x1.5)C)C	21.0 7.5

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image. igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Servo cables</b>				
<b>Extension cable</b>				
<b>6FX_002-5DX18</b>				
PVC M.I.	05	MAT9161011	(4G10+(2x1.5)C)C	21.5 7.5
PUR O.I.	06	MAT9851520	(4G10+(2x1.5)C)C	21.0 10
PUR M.I.	07	MAT9061011	(4G10+(2x1.5)C)C	21.0 7.5
<b>6FX_002-5DX28</b>				
PVC M.I.	05	MAT9161008	(4G16+(2x1.5)C)C	25.0 7.5
PUR O.I.	06	MAT9851519	(4G16+(2x1.5)C)C	24.0 10
PUR M.I.	07	MAT9061008	(4G16+(2x1.5)C)C	24.0 7.5
<b>6FX_002-5DX38</b>				
PVC M.I.	05	MAT9161009	(4G25+(2x1.5)C)C	30.0 7.5
PUR M.I.	07	MAT9061009	(4G25+(2x1.5)C)C	28.0 7.5
<b>6FX_002-5DX48</b>				
PVC M.I.	05	MAT9161010	(4G35+(2x1.5)C)C	33.5 7.5
PUR M.I.	07	MAT9061010	(4G35+(2x1.5)C)C	32.0 7.5



**EPLAN macros suitable for Siemens available online**

Can be used directly in CAE planning.

Learn more about it on page 572/573 and online: [www.igus.eu/eplan-macro](http://www.igus.eu/eplan-macro)



**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ► Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Hybrid servo cables</b>				
<b>Basic cable</b>				
<b>6FX_002-8QN04</b>				
PUR O.I.	27	MAT98515147	(4G0,34+(2x0,34)C)+(4xAWG26)C)C	10.0 10
<b>Basic cable</b>				
<b>6FX_002-8QN08</b>				
PUR O.I.	27	MAT98515148	(4G0,75+(2x0,5)C)+(4xAWG26)C)C	11.0 10
<b>Basic cable</b>				
<b>6FX_002-8QN11</b>				
PUR O.I.	27	MAT98515153	(4G1,5+(2x1,5)C)+(4xAWG26)C)C	13.0 10
<b>6FX_002-8QN21</b>				
PUR O.I.	27	MAT98515154	(4G2,5+(2x1,5)C)+(4xAWG26)C)C	14.5 10
<b>Extension cable</b>				
<b>6FX_002-8QE04</b>				
PUR O.I.	27	MAT98515149	(4G0,34+(2x0,34)C)+(4xAWG26)C)C	10.0 10
<b>Extension cable</b>				
<b>6FX_002-8QE08</b>				
PUR O.I.	27	MAT98515150	(4G0,75+(2x0,5)C)+(4xAWG26)C)C	11.0 10
<b>Extension cable</b>				
<b>6FX_002-8QE11</b>				
PUR O.I.	27	MAT98515155	(4G1,5+(2x1,5)C)+(4xAWG26)C)C	13.0 10
<b>6FX_002-8QE21</b>				
PUR O.I.	27	MAT98515156	(4G2,5+(2x1,5)C)+(4xAWG26)C)C	14.5 10



**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ► Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Signal cables

## Basic cable



## 6FX8002-2CF20

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741518	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR O.I.	09	MAT9841563	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.5	10
PUR M.I.	10	MAT9841564	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9941505	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

## Basic cable



## 6FX8002-2CQ31

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741514	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR O.I.	09	MAT9841557	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841558	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9941503	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

## Basic cable



## 6FX8002-2DC40

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741520	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841566	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9841567	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Basic cable



## 6FX8002-2DC42

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741522	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841569	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9841570	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Basic cable



## 6FX\_002-1DC00

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741506	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841532	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9070032	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Basic cable



## 6FX\_002-2AD00

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841501	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9070001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Signal cables

## Basic cable



## 6FX\_002-2AH00

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170018	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841518	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9070018	(4x(2x0.34)+4x0.5)C	10.0	6.8

## Basic cable



## 6FX\_002-2AH11

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9741526	(4x(2x0.34)+4x0.5)C	9.5	10
PUR O.I.	09	MAT98415104	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT98415105	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9941507	(4x(2x0.34)+4x0.5)C	10.0	6.8

## Basic cable



## 6FX\_002-2CA11

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170002	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841502	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9070002	(4x(2x0.34)+4x0.5)C	10.0	6.8

## Basic cable



## 6FX\_002-2CA15

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841503	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9070003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

## Basic cable



## 6FX\_002-2CA31

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841504	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9070004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

## Basic cable



## 6FX\_002-2CA51

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]	
PVC	08	MAT9170005	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841505	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9070005	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Signal cables</b>				
<b>Basic cable</b>				
<b>6FX_002-2CA71</b>				
PVC	08	MAT9170006	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841506	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070006	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CB31</b>				
PUR	13	MAT9841507	(14x0.25)C	8.0 10
TPE H*	24	MAT9070007	(12x0.25)C	9.5 5
<b>6FX_002-2CB51</b>				
PVC	08	MAT9170008	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841508	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070008	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>6FX_002-2CC11</b>				
PVC	08	MAT9170009	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841509	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070009	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>6FX_002-2CD01</b>				
PVC	08	MAT9170010	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841510	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070010	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CF01</b>				
PVC	08	MAT9170021	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841519	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070021	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
<b>6FX_002-2CF02</b>				
PVC	08	MAT9170011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841511	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
<b>6FX_002-2CG00</b>				
PVC	08	MAT9170012	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT9841512	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9070012	(4x(2x0.34)+4x0.5)C	10.0 6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
<b>Siemens Signal cables</b>				
<b>Basic cable</b>				
<b>6FX_002-2CH00</b>				
PVC	08	MAT9170013	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0 10
PUR M.I.	10	MAT9841513	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 7.5
TPE H*	11	MAT9070013	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CK00</b>				
PVC	08	MAT9170014	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT9841514	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT9070014	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8
<b>6FX_002-2CL00</b>				
PVC	08	MAT9170015	(3x(2x0.14)C+2x(0.5)C)C	9.5 10
PUR M.I.	10	MAT9841515	(3x(2x0.14)C+2x(0.5)C)C	10.0 7.5
TPE H*	11	MAT9070015	(3x(2x0.14)C+2x(0.5)C)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CR00</b>				
PVC	08	MAT9741524	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT98415101	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT98415102	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9941506	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2CT12</b>				
PVC	08	MAT9741531	(4x(2x0.34)+4x0.5)C	9.5 10
PUR O.I.	09	MAT98415111	(4x(2x0.34)+4x0.5)C	9.5 10
PUR M.I.	10	MAT98415112	(4x(2x0.34)+4x0.5)C	10.0 7.5
TPE H*	11	MAT9941509	(4x(2x0.34)+4x0.5)C	10.0 6.8
<b>Basic cable</b>				
<b>6FX_002-2DB10</b>				
PUR	MAT9821501	(4x(2x0.25)C)C	11.0	10

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915



\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Signal cables

## Basic cable



## 6FX\_002-2DC10

PVC	08	MAT9741504	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841530	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9070030	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Basic cable



## 6FX\_002-2DC36

PVC	08	MAT9741528	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT98415107	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT98415108	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Basic cable



## 6FX\_002-2EQ00

PVC	08	MAT9170016	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841516	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9070016	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

## Basic cable



## 6FX\_002-2EQ10

PVC	08	MAT9170017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841517	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9070017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

## 6FX\_002-2EQ20

PVC	08	MAT9741530	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR O.I.	09	MAT98415109	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT98415110	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5

TPE H*	11	MAT9941508	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8
--------	----	------------	--	------	-----

## 6FX\_002-2EQ31

PVC	08	MAT9741512	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR O.I.	09	MAT9841554	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841555	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5

TPE H*	11	MAT9941502	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8
--------	----	------------	--	------	-----

## Basic cable



## 6FX\_002-5BL03

PVC M.I.	18	MAT9711502	(3G0.75)C	8.0	7.5
PUR M.I.	22	MAT9811501	(3G0.75)C	8.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Signal cables

## Basic cable



## 6fx3002-2CT10

PVC	08	MAT9741507	(4x(2x0.34)+4x0.5)C	9.5	10
PUR O.I.	09	MAT9841548	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841549	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9941501	(4x(2x0.34)+4x0.5)C	10.0	6.8

## Extension cable



## 6FX8002-2CQ34

PVC	08	MAT9741516	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR O.I.	09	MAT9841560	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841561	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9941504	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

## Extension cable



## 6FX\_002-2AD04

PVC	08	MAT9171001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841520	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9071001	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

## 6FX\_002-2AH04

PVC	08	MAT9171018	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841529	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9071018	(4x(2x0.34)+4x0.5)C	10.0	6.8

## 6FX\_002-2CA34

PVC	08	MAT9171004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841523	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9071004	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

## 6FX\_002-2CA54

PVC	08	MAT9171003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841522	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9071003	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

## 6FX\_002-2CB34

PUR	13	MAT9841525	(14x0.25)C	8.0	10
TPE H*	24	MAT9071007	(12x0.25)C	9.5	5

## 6FX\_002-2CB54

PVC	08	MAT9171002	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841521	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9071002	(4x(2x0.34)+4x0.5)C	10.0	6.8

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.

igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
 \* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Signal cables

## Extension cable



## 6FX\_002-2CC14

PVC	08	MAT9171009	(4x(2x0.34)+4x0.5)C	9.5	10
PUR M.I.	10	MAT9841526	(4x(2x0.34)+4x0.5)C	10.0	7.5
TPE H*	11	MAT9071009	(4x(2x0.34)+4x0.5)C	10.0	6.8

## 6FX\_002-2CF04

PVC	08	MAT9171011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	9.0	10
PUR M.I.	10	MAT9841527	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	7.5
TPE H*	11	MAT9071011	(3x(2x0.14)C+(4x0.14)+(2x0.5))C	10.0	6.8

## Extension cable



## 6FX\_002-2DC20

PVC	08	MAT9741505	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841531	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9070031	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Extension cable



## 6FX\_002-2DC34

PVC	08	MAT9741509	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR O.I.	09	MAT9841551	(2x(2x0.15)+(2x0.38))C	7.5	10
PUR M.I.	10	MAT9841571	(2x(2x0.20)+(2x0.38))C	7.5	7.5

## Extension cable



## 6FX\_002-2EQ14

PVC	08	MAT9171017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.0	10
PUR M.I.	10	MAT9841528	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	11.0	7.5
TPE H*	11	MAT9071017	(3x(2x0.14)C+(4x0.14)+(4x0.25)+(2x0.5))C	10.5	6.8

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915

\* Technical information on the cable quality (Code **01-31**): ▶ Page 568-571

Cable quality	Part No.	Number of cores and conductor nominal cross section [mm <sup>2</sup> ]	Ø [mm]	R min. [x d]
---------------	----------	---	-----------	-----------------

## Siemens Signal cables DriveCliqu

## Basic cable



## 6FX8002-2DC30-1AD0(3m)

PUR M.I.	10	MAT9841534	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC30-1AF0(5m)

PUR M.I.	10	MAT9841535	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC30-1BA0(10m)

PUR M.I.	10	MAT9841536	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC30-1BF0(15m)

PUR M.I.	10	MAT9841537	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC30-1CA0(20m)

PUR M.I.	10	MAT9841538	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC30-1CF0(25m)

PUR M.I.	10	MAT9841539	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC30-1DA0(30m)

PUR M.I.	10	MAT9841540	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## Extension cable



## 6FX8002-2DC34-1AD0(3m)

PUR M.I.	10	MAT9841541	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC34-1AF0(5m)

PUR M.I.	10	MAT9841542	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC34-1BA0(10m)

PUR M.I.	10	MAT9841543	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC34-1BF0(15m)

PUR M.I.	10	MAT9841544	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC34-1CA0(20m)

PUR M.I.	10	MAT9841545	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC34-1CF0(25m)

PUR M.I.	10	MAT9841546	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

## 6FX8002-2DC34-1DA0(30m)

PUR M.I.	10	MAT9841547	(2x(2x0.20)+(2x0.38))C	7.5	7.5
----------	----	------------	------------------------	-----	-----

**Note:** The given outer diameters are maximum values and may tend toward lower tolerance limits. Example image.  
igus® gladly pre-harnesses the cable according to your technical guidelines. **G** = with green-yellow earth core, **x** = without earth core  
\* Cable qualities: **M.I.** = with inner jacket, **O.I.** = without inner jacket, **F** = flame-retardant, **H** = halogen-free **OIL** = oil-resistant igus® GmbH defines cable length as entire length including connectors or open harnessing. ▶ Page 915