

1 Treoflex H05RN-F/H05RR-F

500 V Rubber Sheathed Cable



Technical Data

- **Conductor Material**
Copper, bare or tinned
- **Conductor Class**
Class 5
- **Core insulation**
Rubber insulation
- **Core identification**
Colored acc. VDE 0293, more than 2 cores with green/yellow earth conductor
- **Stranding**
Cores twisted in Layers
- **Outer sheath**
H05RR-F: Synthetic rubber
H05RN-F: polychloroprene (neoprene)
- **Sheath colour**
Black
- **Rated voltage [V]**
300/500
- **Testing Voltage**
2000
- **min. bending radius fixed [xd]**
4 x d
- **min. bending radius moved [xd]**
5 x d
- **Working temp fixed min/max [C]**
-40°C up to +90°C
- **Working temp moved min/max [C]**
-40°C up to +90°C
- **Temp at conductor max.**
+ 90°C
- **Burning behaviour**
VDE 0482-332-1-2/IEC 60332-1
- Design:**
 - stranding of fine copper wires blank or tinned
 - rubber insulation
 - coloured cores acc. to VDE 0293
 - more than 2 cores with one green/yellow earth conductor
 - outer sheath of H05RR-F of synthetic rubber, black, flame retardant
 - outer sheath of H05RN-F of polychloroprene (Neoprene), black, flame retardant
- Note**
 - G = with green-yellow earth core;
 - X = without green-yellow earth core

Application: - H05RR-F:

For connection of electrical appliances when exposed to low mechanical strain in household, offices and for light utilities.

Application of H05RN-F:

For connection of electrical appliances when exposed to low mechanical strain in dry and moist rooms as well as feed cable in outdoor for garden tools such as a lawn-mower etc.

H05 RR-F				
Part Number	No. of cores x cross-sec. mm ²	Outer Ø ca. mm	Cop.weight kg/km	Weight kg/km
TA36.0007.02	2 x 0.75	5.7 - 7.4	14.4	60
TA36.0007.03	3 G 0.75	6.2 - 8.1	21.6	74
TA36.0007.04	4 G 0.75	6.8 - 8.8	29	78
TA36.0007.05	5 G 0.75	7.6 - 9.9	36	99
TA36.0010.02	2 x 1	6.1 - 8.0	19	72
TA36.0010.03	3 G 1	6.5 - 8.5	29	85
TA36.0010.04	4 G 1	7.1 - 9.3	38	98
TA36.0010.05	5 G 1	8.0 - 10.3	48	134
TA36.0015.02	2 x 1.5	7.6 - 9.8	29	98
TA36.0015.03	3 G 1.5	8.0 - 10.4	43	120
TA36.0015.04	4 G 1.5	9.0 - 11.6	58	150
TA36.0015.05	5 G 1.5	9.8 - 12.7	72	180
TA36.0025.02	2 x 2.5	9.0 - 11.6	48	145
TA36.0025.03	3 G 2.5	9.6 - 12.4	72	170
TA36.0025.04	4 G 2.5	10.7 - 13.8	96	220
TA36.0025.05	5 G 2.5	11.9 - 15.3	120	270
TA36.0040.03	3 G 4	11.3 - 14.5	115	260
TA36.0040.04	4 G 4	12.7 - 16.2	154	340
TA36.0060.03	3 G 6	12.8 - 16.3	173	361
TA36.0060.04	4 G 6	14.2 - 18.1	230	462

H05 RN-F				
Part Number	No. of cores x cross-sec. mm ²	Outer Ø ca. mm	Cop.weight kg/km	Weight kg/km
TA35.0007.002	2 x 0.75	5.7 - 7.4	14.4	78
TA35.0007.003	3 G 0.75	6.2 - 8.1	21.6	94
TA35.0007.004	4 G 0.75	6.8 - 8.8	29	90
TA35.0010.002	2 x 1	6.1 - 8.0	19	94
TA35.0010.003	3 G 1	6.5 - 8.5	29	114