

1 LAN-Cable Cat 7

Cat 7 Cable

Technical Data:

- **Conductor material** CU, bare
- **Core insulation** Cellular polyethylene
- **Core identification** DIN 47100: Different colours
- **Stranding** 4 pairs
- **Outer sheath** halogenfree Polymer HM2
- **Sheath colour** Orange RAL 2004
- **Insulation resistance** 20 MOhm x km
- **Conductor resistance** ≤ 120 Ω / km
- **Working temp fixed min/max [C]** -30°C up to +80°C

Construction:

- Copper conductor, bare
- Screen over stranding element: foil
- Shield over stranding: copper braid, tinned
- Outer sheath: halogenfree Polymer HM2

Application:

- **Installation cables for use in structured building cabling according to ISO/IEC 11801 and EN 50173-2. Best suited for all applications from classes D to F multimedia (Video, Data, Language) >10 GbE according to IEEE 802.3, VoIP, PoE.**

Part Number	No of cores x Cross section	Outer Ø ca. mm	Copper weight kg /100	Weight 100 kg/100
CAT7 DUP	2 x (4 x 2 x AWG 23/1)		6.40	10.40
CAT7 SIM	4 x 2 x AWG 23/1	7.50	3.20	5.20

RS485

Installation cables for use in structured building cabling

Technical Data:

- **Conductor material** stranded tinned annealed copper
 - **Core insulation** Polyethylen (PE)
 - **Outer sheath** PVC
 - **Sheath colour** Grey
 - **Conductor resistance** ≤ 120 Ω / km
 - **Working temp fixed min/max [C]** -30°C up to +80°C
- Construction:**
- Conductor: 24AWG (7/32) stranded tinned annealed copper
 - Insulation: Polyethylene (PE)
 - Screen: overall aluminium mylar tape (100% coverage)
 - Braid: tinned copper wire braid (90% coverage)
- drain wire: 24AWG stranded tinned copper
 - Inner and outer sheath: PVC

Application:

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Part Number	No of cores x Cross section	Outer Ø ca. mm	Copper weight kg /100	Weight 100 kg/100
308010024	1 x 2 x AWG 24 LSZH grau	5.89	0.00	0.00
3080120024	1 x 2 x AWG 24 (7/32 tc) grau	5.89	0.00	0.00