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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Network cable - VS-M12MS-PPC/ME-94C-LI/2,0 - 1413560

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Assembled Ethernet cable, shielded, 4-pair, AWG 26 suitable for use with drag chain (19-wire), RAL 5021 (sea blue), M12 plug on RJ45 plug/IP67 push/pull metal housing, line, length 2 m



Key commercial data

| | |
|--------------------------------------|------------|
| Packing unit | 1 1 |
| Weight per Piece (excluding packing) | 222.22 GRM |
| Custom tariff number | 85444210 |
| Country of origin | Poland |

Technical data

Mechanical characteristics

| | |
|-----------------------------|---------------------|
| Number of positions | 8 |
| Shielded | Yes |
| Insertion/withdrawal cycles | ≥ 100 |
| Cable diameter | 7.70 mm |
| Cable exit | Straight |
| Cable structure | 4x2xAWG26/19; S-UTP |
| Length of cable | 2 m |

Ambient conditions

| | |
|---------------------------------|---|
| Ambient temperature (operation) | -20 °C ... 60 °C (cable, fixed installation) |
| | 0 °C ... 50 °C (cable, flexible installation) |

Material data

| | |
|---|-----|
| Inflammability class according to UL 94 | HB |
| Outer sheath, material | PUR |

Line characteristics

Network cable - VS-M12MS-PPC/ME-94C-LI/2,0 - 1413560

Technical data

Line characteristics

| | |
|---|---|
| Cable type | Ethernet |
| Cable structure | 4x2xAWG26/19; S-UTP |
| Conductor cross section | 4x 2x 0.16 mm ² |
| AWG signal line | 26 |
| Conductor structure signal line | 19x 0.10 mm |
| Core diameter including insulation | max. 1 mm |
| External cable diameter | 7.7 mm |
| Wire colors | White-blue, white-orange, white-green, white-brown |
| External sheath, color | water blue RAL 5021 |
| Transmission medium | Copper |
| Insulation resistance | min. 0.5 GΩ*km |
| Conductor resistance | max. 125 Ω/km |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001) |
| Working capacitance | 57 nF |
| Wave impedance | 100 Ω ± 5 Ω (At 100 MHz) |
| Nominal voltage, cable | 125 V |
| Test voltage Core/Core | 1000 V |
| Twisted pairs | 2 cores to the pair |
| Overall twist | 4 pairs for core |
| Shielding | Tinned copper braided shield |
| Outer sheath, material | PUR |
| Material, inner sheath | Elastomer |
| Material conductor insulation | Teflon |
| Conductor material | Bare Cu litz wires |
| Cable weight | 70 kg/km |
| Smallest bending radius, fixed installation | 39 mm (cable, fixed installation) |
| Smallest bending radius, movable installation | 39 mm (cable, flexible installation) |
| Max. bending cycles | 5000000 |
| Bending radius | 57.8 mm |
| Traversing path | 1.8 m |
| Traversing rate | 3 m/s |
| Acceleration | 9 m/s ² |
| Flame resistance | IEC 60332-2-2 |
| Resistance to oil | in accordance with DIN EN 60811-2-1 |
| Other resistance | Hydrolysis resistance as per DIN 53504 |
| | resistant to welding splash in accordance with DIN VDE 0282 |
| Ambient temperature (operation) | -20 °C ... 60 °C (cable, fixed installation) |

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Technical data

Line characteristics

| | |
|--|---|
| | 0 °C ... 50 °C (cable, flexible installation) |
|--|---|

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27060307 |
| eCl@ss 6.0 | 27060390 |
| eCl@ss 7.0 | 27060390 |
| eCl@ss 8.0 | 27060390 |

ETIM

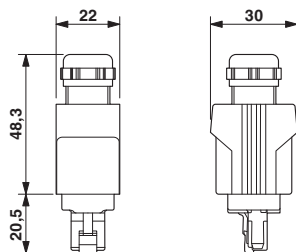
| | |
|----------|----------|
| ETIM 3.0 | EC000830 |
| ETIM 4.0 | EC002599 |
| ETIM 5.0 | EC000830 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 31261501 |

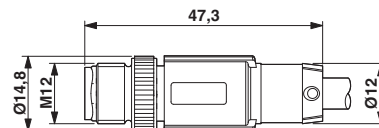
Drawings

Dimensioned drawing



Push-pull RJ45 connector IP65/67

Dimensioned drawing



Plug, M12 x 1, straight, shielded

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Circuit diagram

