



Product: [0985 342 804](#)

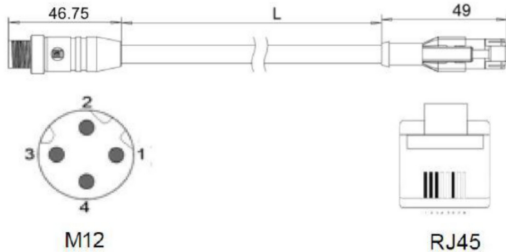
Fast Ethernet Cat5e Data Double-Ended Cordset: Male straight D-coded black M12 standard to male straight RJ45-coded black RJ45, shielded, 30 V AC / 42 V DC, 1.5 A; PUR green cable, 4-wires, 4x0.34 mm²

Product Description

Fast Ethernet Cat5e Data Double-Ended Cordset: Male straight D-coded black M12 standard to male straight black RJ45, shielded, 30 V AC / 42 V DC, 1.5 A; PUR green cable, 4-wires, 4x0.34 mm²

Technical Drawing

Technical Drawing



Technical Specifications

M12	Color	RJ45
1	TD + Yellow	1
2	RD + White	3
3	TD - Orange	2
4	RD - Blue	6
Nut	Shield	Shell

Technical Specifications

Product Description

Product Family:	Data Connectors
Brand:	Belden
Connector Type:	Cordset, double ended
Shielding:	Shielded
Rated Voltage:	60 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	30 V AC / 42 V DC
Rated Current*:	1.5 A
Data Transmission:	Fast Ethernet Cat5e
Data Transmission Rate:	100 Mbit/s

Technical Data Side 1

Product Sub Family:	M12 Standard
Type of Contact / Gender:	Male
Connector Design:	Straight
Attachment Type:	Coupling Screw

Number of Pins:	4
Coding:	D
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	10^9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	- 40 °C + 90 °C
Protection Degree / IP Rating**:	IP65, IP67, IP69k
Design Standard:	IEC 61076-2-101
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	I acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuSn
Contact Plating:	Cu/Au
Contact Bearer Material:	PBT
Contact Bearer Color:	Black
Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	TPU
Molded Body Color:	Black
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	CuZn
Attachment Plating:	Nickel-plated
Shielding Material:	CuZn, tin-plated
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight

Cable Data

Cable Number:	342
Conductor Size:	0.34 mm²
Number of Wires:	4
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Cycles (Bending):	Minimum 2 Million
Cable Jacket Material:	PUR
Cable Jacket Color:	green matt similarly RAL 6018
Cable Diameter D:	ø 6.50 ± 0.20 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	ø 1.58 ± 0.10 mm
Overall Shield (Cable):	Cu-ETP1 tinned
Foil shield:	Al-PT Foil
Ambient Temperature (Fixed Installation):	- 50 °C + 80 °C
Flammability Class (Cable Jacket):	FT-2
Core Colors:	White, Blue, Yellow & Orange

Technical Data Side 2

Product Sub Family, Side 2:	RJ45
Type of Contact / Gender, Side 2:	Male
Connector Design, Side 2:	Straight
Number of Pins, Side 2:	4
Coding, Side 2:	RJ45
Ambient Temperature (Operation), Side 2*:	- 20 °C + 70 °C
Protection Degree / IP Rating, Side 2**:	IP20
Housing Material, Side 2:	Copper alloy PC - Polycarbonate, UL 94V-2 rated
Attachment Plating, Side 2:	Gold Plating in contact area

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
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History

Update and Revision:	Revision Number: 0.12 Revision Date: 07-13-2023
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