

Be Certain with Belden




PROFINET Double-Ended Cord Sets

Cat5e, High-Flex, High Noise, 22 AWG, PUR Halogen-Free Jacket, 360° Shielding

Type	0985 342 S4723	0985 342 S4724	0985 342 118	0985 342 106
Configuration	M12 (male) to M12 (female)	M12 (female) to M12 (female)	M12 (female)	M12 (male)
Product description	PROFINET data cable according to type C, molded on both sides with M12 male to female connector, D coding, 360° shielding with green jacket.	PROFINET data cable according type C, molded on both sides with M12 female connectors, D coding, 360° shielding with green jacket.	PROFINET data cable according to type C with M12 female connector and open leads, 360° shielding with green jacket.	Industrial Ethernet data cable, M12 male right angle connector D coded, molded on one side, 360° shielding connected to knurled screw.
Technical illustration				
Face views	<p>1 = yellow 2 = white 3 = orange 4 = blue</p>	<p>1 = yellow 2 = white 3 = orange 4 = blue</p>	<p>1 = yellow 2 = white 3 = orange 4 = blue</p>	<p>1 = yellow 2 = white 3 = orange 4 = blue</p>
Part number	0985 342 S4723/...M	0985 342 S4724/...M	0985 342 118/...M	0985 342 130/...M
Standard cable lengths	0.5 M / 1 M / 2 M / 5 M / 5.5 M / 6 M / 6.5 M / 7 M / 7.5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M	5 M

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Degree of protection (IEC 60529)*	IP 67 / IP68 / IP69K			
Operating temperature range	-25C to +80C			
Number of contacts	4			
Standard	IEC 61076-2-101			
Construction type	D-coded			
Mechanical				
Molded body	TPU, black			
Contact bearer	PBT, black			
Contacts	CuSn			
Contact surface	Cu/Au			
Knurled nut	CuZn, nickel-plated			
Shielding sleeve	CuZn, tin-plated			
O-ring	FKM "female connector only"			
Electrical				
Rated voltage	250V			
Rated current (derating)	4A			
Rated impulse voltage	2.0 kV			
Pollution degree	IP67			
Contact resistance	≤ 5 mOhm			
Insulation resistance	> 10 ⁹ Ohm			
Cable specifications				
Cable jacket	PUR, halogen-free			
Color	Green			
Overall diameter	6.2mm, nominal			
Conductor	22 AWG, 7 stranded bare copper			
Insulation	Polyethylene foam skin			
Foil shield	Aluminum/polyester tape, 100% coverage			
Braid shield	Tinned copper, 85% coverage			
Agency approval	AWM 20236			
Cable type	High Flex, High Noise, PROFINET cable			
Characteristics				
				

Good chemical resistance.

The resistance has to be checked in individual cases.

* only if mounted and locked in combination with the corresponding connector.

Cutline

Do not connect / disconnect under load.

"L" = standard length of control line (other lengths of control lines on request)

Further technical information on control lines see 909 342