

PROFINET Double-Ended Cord Sets

CAT5e, High-Flex, High Noise, 22 AWG, PUR Halogen-Free Jacket

Туре	0985 342 100	0985 342 104	0985 342 500
Configuration	M12 to M12	M12 to RJ45	RJ45 to RJ45
Product description	PROFINET data cable according to type C, molded on both sides with M12 male connector, D coding, stranded/shielded with green jacket.	PROFINET data cable according type C, molded M12 male connector, D coding to RJ45 connector, stranded/shielded with green jacket.	PROFINET data cable according to type C with RJ45 to RJ45 connectors, stranded/shielded with green jacket.
Technical illustration	Lesiles Lesile	3	2X 11,7 [.68] PPN 1
Wiring diagram	014.0 (2.14 (3.05)	9 NS0	i Nid
	M12 Color M12 1 Yellow 1 2 White 2 3 Orange 3 4 Blue 4 Nut Shield Nut	M12 Color RJ45 1 — Yellow — 1 2 — White — 3 3 — Orange — 2 4 — Blue — 6 Nut Shield Shell	RJ45 Color RJ45 1 Yellow 1 3 White 3 2 Orange 2 6 Blue 6 Shell Shell Shell Shell
Face views	1 = TD+ yellow 2 = RD+ white 3 = TD- orange 4 = RD- blue	3 4	12345678
Part number	0985 342 100/M	0985 342 104/M	0985 342 500/M
Standard cable lengths	0300 042 100/	0300 042 1047111	8365 842 866/III
	1 M/2 M/3 M/4 M/5 M/10 M/15 M/20 M	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 40 M / 50 M	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 30 M

Be Certain with Belden



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Degree of protection	IP67	IP67 / IP20	IP20		
Operating temperature range		-20°C (-4°F) to +75°C (+167°F)	-		
Mechanical					
M12					
Molded body	DIID	hlack			
Coupling nut	PUR, black				
Contacts	Brass, nickel plated				
Insert	Brass, gold over nickel plated PUR, self extingusing				
RJ45	1 611, 6611	oximguonig			
Housing	Pre-tinned copper alloy				
Insert					
	Clear polycarbonate				
Contacts Electrical	50 μ" gold in contact area over nickel plating				
Current rating		150			
Voltage rating	1.5 A				
Performance	30 V AC / 42 V DC CAT5e				
Cable specifications		OAI UE			
		DID balance from			
Cable jacket Color	PUR, halogen-free				
Overall diameter	Green				
Conductor	6.2mm, nominal				
Insulation	22 AWG, 7 stranded bare copper				
Foil shield	Polyethylene foam skin Aluminum/polyester tape, 100% coverage				
Braid shiled	Tinned copper, 85% coverage				
Agency approval		AWM 20236			
Cable type	High Flex, High Noise, PROFINET cable				
Characteristics	ווויין דופא, ווויין וייטופל, דוטו ווייבו פמטופ				
		NOTE: Vibration & Oil Resistant applies to M12 side only.			

The application of these products in harsh environments should always be checked before use. Specifications subject to alteration.