


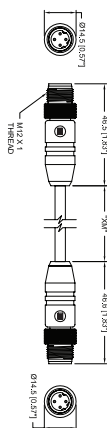
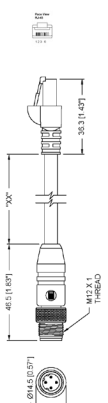
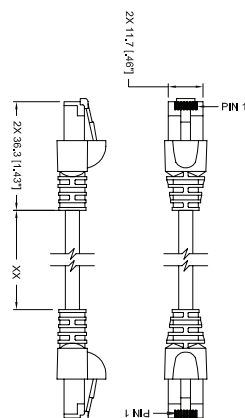





Be Certain with Belden



PROFINET Double-Ended Cord Sets

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

Type	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																																																									
Wiring diagram	<table><tr><td>M12</td><td>Color</td><td>M12</td></tr><tr><td>1</td><td>Yellow</td><td>1</td></tr><tr><td>2</td><td>White</td><td>2</td></tr><tr><td>3</td><td>Orange</td><td>3</td></tr><tr><td>4</td><td>Blue</td><td>4</td></tr><tr><td>Nut</td><td>Shield</td><td>Nut</td></tr></table>	M12	Color	M12	1	Yellow	1	2	White	2	3	Orange	3	4	Blue	4	Nut	Shield	Nut	<table><tr><td>M12</td><td>Color</td><td>RJ45</td></tr><tr><td>1</td><td>Yellow</td><td>1</td></tr><tr><td>2</td><td>White</td><td>3</td></tr><tr><td>3</td><td>Orange</td><td>2</td></tr><tr><td>4</td><td>Blue</td><td>6</td></tr><tr><td>Nut</td><td>Shield</td><td>Shell</td></tr></table>	M12	Color	RJ45	1	Yellow	1	2	White	3	3	Orange	2	4	Blue	6	Nut	Shield	Shell	<table><tr><td>RJ45</td><td>Color</td><td>RJ45</td></tr><tr><td>1</td><td>Yellow</td><td>1</td></tr><tr><td>3</td><td>White</td><td>3</td></tr><tr><td>2</td><td>Orange</td><td>2</td></tr><tr><td>6</td><td>Blue</td><td>6</td></tr><tr><td>Shell</td><td>Shield</td><td>Shell</td></tr></table>	RJ45	Color	RJ45	1	Yellow	1	3	White	3	2	Orange	2	6	Blue	6	Shell	Shield	Shell
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Face views	 <div>1 = TD+ yellow 2 = RD+ white 3 = TD- orange 4 = RD- blue</div>																																																								
Part number	0985 342 100/...M	0985 342 104/...M	0985 342 500/...M																																																						
Standard cable lengths	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																																																						

PROFINET Double-Ended Cord Sets

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

Type	0985 342 100	0985 342 104	0985 342 500
Degree of protection	IP67	IP67 / IP20	IP20
Operating temperature range	-25C to +80C	-20°C (-4°F) to +75°C (+167°F)	
Mechanical			
M12			
Molded body	PUR, black		
Coupling nut	Brass, nickel plated		
Contacts	Brass, gold over nickel plated		
Insert	PUR, self extinguishing		
RJ45			
Housing		Pre-tinned copper alloy	
Insert		Clear polycarbonate	
Contacts		50 μ" gold in contact area over nickel plating	
Electrical			
Current rating	4A	1.5A	
Voltage rating	250V	30VAC/42VDC	
Performance	Cat5e		
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			
	<div></div>	<div></div> <div>NOTE: Vibration & Oil Resistant applies to M12 side only.</div>	<div></div>

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

Mouser Electronics

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Lumberg Automation:

[0985 342 100/40 M](#) [0985 342 100/5 M](#) [0985 342 100/50 M](#) [0985 342 500/10M](#) [0985 342 104/0.5M](#) [0985 342 104/1M](#) [0985 342 104/75M](#) [0985 342 104/8M](#) [0985 342 100/0,5 M](#) [0985 342 500/1M](#) [0985 342 104/35M](#) [0985 342 104/20M](#) [0985 342 104/25M](#) [0985 342 500/3M](#) [0985 342 500/45M](#) [0985 342 100/6 M](#) [0985 342 104/5M](#) [0985 342 104/40M](#) [0985 342 100/1 M](#) [0985 342 100/30 M](#) [0985 342 104/3M](#) [0985 342 500/25M](#) [0985 342 100/2 M](#) [0985 342 100/20 M](#) [0985 342 100/25 M](#) [0985 342 104/2M](#) [0985 342 104/30M](#) [0985 342 500/50M](#) [0985 342 500/5M](#) [0985 342 500/20M](#) [0985 342 500/30M](#) [0985 342 500/70M](#) [0985 342 500/90M](#) [0985 342 100/15 M](#) [0985 342 104/15M](#) [0985 342 104/50M](#) [0985 342 500/60M](#) [0985 342 500/0.5M](#) [0985 342 500/15M](#) [0985 342 100/4 M](#) [0985 342 104/10M](#) [0985 342 100/3 M](#) [0985 342 100/35 M](#) [0985 342 104/45M](#) [0985 342 100/10 M](#) [0985 342 104/1.5M](#) [0985 342 500/2M](#) [0985 342 500/35M](#) [0985 342 500/8M](#)