Be Certain with Belden



Gigabit Shielded Ethernet Single-Ended Cord Sets Foil/Braid Shield, 26 AWG, PUR Jacket

Туре		0985 478 600		0985 478 602		
Product description		Cord sets, single-ended, M12, Industrial Ethernet data cable for Gigabit applications, molded, 8 poles X coded, 2, 5 and 10 meter cable lengths.		Cord set, single-ended, RJ45, Industrial Ethernet data cable, for Gigabit applications, 8 pole 2, 5 and 10 meter cable lengths.		
Note		Transmission properties for Cat 6 and Cat 6A compliant with IEC PAS 61076-2-109. The application of these products in harsh environments should always be checked before use.				
Color of housing	black					
Number of contacts	8					
Product characteristics	Oil resistance, EMC resistance	Oil resistance, EMC resistance, Drag chains suitable, UV resistance				
Ordering information	Part number	Order number	Part number	Order number		
	0985 478 600/2M	934-637-025	0985 478 602/2M	Upon request		
	0985 478 600/5M	934-637-026	0985 478 602/5M	Upon request		
	0985 478 600/10M	934-637-027	0985 478 602/10M	Upon request		
Technical illustration		M12		RJ45		
Face views / Wiring	Enter ercok	Coderary Consideration		13.6 Pin 1		
Face views / Wiring	8 5 5	1 = white/orange 5 = white/brown 2 = orange 6 = brown 3 = white/green 7 = white/blue 4 = green 8 = blue	12345678	1 = white/orange 5 = white/brown 6 = brown 3 = white/green 7 = white/blue 4 = green 8 = blue		



Gigabit Shielded Ethernet Single-Ended Cord Sets

Foil/Braid Shield, 26 AWG, PUR Jacket

Environmental conditions	0985 478 600	0985 478 602		
Degree of protection (IP), mounted	IP 67	IP20		
Environmental temperature	-30°C to 90°C	-20°C to +75°C		
Pollution degree	3			
Classifications				
Belden class	Industrial Ethernet Data Cables			
Belden brand	Lumberg Automation			
Mechanical data				
Type of plug-in contact	Male			
Design of housing	Straight			
Thread	M12	N/A		
Coding	Х	-		
Materials				
Housing material / Molded body	TPU, black	TPU		
Contact bearer material	PA	PC		
Contact material	CuSn			
Contact material / Surface refinement				
Knurled screw / nut material	CuZn, nickel-plated			
Approvals				
Approvals	IP67 (IEC 60529)	-		
RoHS 2002/95 EG compliant	yes			
Cable specifications				
Cable jacket	PUR			
Color	Black			
Gauge	26 AWG			
Overall diameter	6.5 mm			
Conductor	8			
Insulation	PE			
Foil shield	yes			
Braided shield	yes			
Electrical data				
Contact resistance	≤ 5 mΩ			
Rated current In	0.5 A	1 A at 40°C		
Nominal voltage	48 V	50 V		
Insulation resistance	>1	GΩ		
Characteristics				

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