

Be Certain with Belden



EtherNet/IP Double-Ended Cord Sets

CAT5e, High-Flex, 2 Twisted Bonded Pair, Stranded/Unshielded, 24 AWG, TPE Jacket

Type	0985 806 100	0985 806 101	0985 806 125	0985 806 102	0985 806 127
Product Description	EtherNet/IP, high-flex, double-ended cord set, M12 male to male straight, 4-pin, D-coding, 24 AWG TPE cable, stranded/unshielded, 2 twisted bonded pair with teal jacket.	Ethernet I/P, high-flex, double-ended cord set, M12 male to M12 male, teal TPE jacket, 4 pin, 24 AWG, stranded/unshielded cross-over cable with 2 twisted bonded pairs.	Ethernet I/P, double-ended cord set, M12 male right angle to M12 male, straight, teal TPE jacket, 4 pin, 24 AWG, stranded/unshielded cable with 2 twisted bonded pairs.	Ethernet I/P, double-ended cord set, M12 male to M12 female, straight, teal TPE jacket, 4 pin, 24 AWG, stranded/unshielded cable with 2 twisted bonded pairs.	Ethernet I/P, double-ended cord set, M12 male, right angle to M12 female, straight, teal TPE jacket, 4 pin, 24 AWG, stranded/unshielded cable with 2 twisted bonded pairs.
Technical Illustration					
Wiring diagram	M12 Color 1 White Orange 2 White Green 3 Orange 4 Green	C1 Color C2 1 White Orange 2 2 White Green 1 3 Orange 4 4 Green 3		M12 Color 1 White Orange 2 White Green 3 Orange 4 Green	
Face views					
Part number	0985 806 100/...M	0985 806 101/...M	0985 806 125/...M	0985 806 102/...M	0985 806 127/...M
Standard cable lengths	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 / 80 M	0.5 M / 1 M / 2 M / 5 M / 10 M	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M	0.5 M / 1 M / 2 M / 5 M / 10 M	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M

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Degree of protection	IP68				
Temperature	-25C to +75C install temp. -40 to +75C operating temp.				
Mechanical					
M12 and M12 Receptacle					
Molded body	PUR, black				
Coupling nut	Brass, nickel plated				
Contacts	Brass, gold plated				
Insert	PUR, black				
RJ45					
Plug	Polycarbonate				
Contacts	Phosphor Bronze, gold plated				
Boot	Elastomer Polyolefin				
Electrical					
Current rating	4A				
Voltage rating	250V				
Performance	CAT5e, Belden bonded twisted pair cable				
Cable specifications					
Cable jacket	TPE				
Color	Teal				
Overall diameter	.275 “				
Conductor	24 AWG stranded tinned copper				
Temperature	Operating: -40°C to 75°C / Installation: -25°C to 75°C				
Flame test	UL: CMR / CSA: CMG				
Continuous Flex	2 million cycles @ 10X,10 million cycles @ 20X bend radius				
Characteristics					



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