

M12 X-Code Profinet/ Ethernet Cables



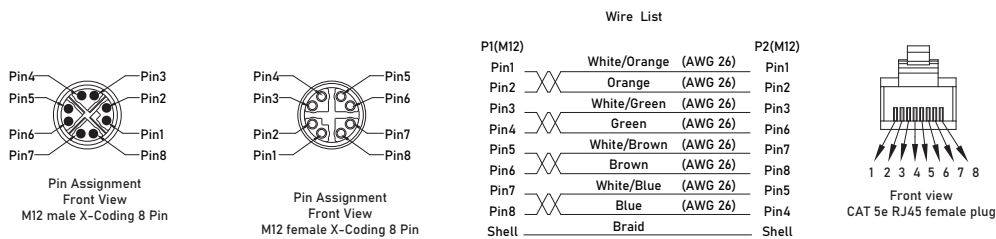
M12 X-Code to RJ45 female, double ended, molded 10Gbps Cat 6A 4x2x26AWG Ethernet cable, 360° EMI-Shielded



Connector Technical data				
Contacts No	M12 Male	M12 Female	Cable Color	RJ45 Female
Front View				
Reference Standard	IEC 61076-2-109			
Rated current	0.5A			
Rated voltage	50V AC, 60V DC			
Impulse voltage	800V			
Locking system	M12 x 1.0 screw			
Termination	M12: Soldering , RJ45: Piercing			
Cable specification	Cat 6A S/FTP 4x2x26AWG (0.14mm²) Ethernet Cable			
Rated temperature	Flexible -25 °C ... +80 °C, Static - 40 °C ... +80 °C			
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Characteristic impedance	100Ω ±15			
Over-molding	TPU			
Contact carrier	PA66 + GF			
Screw nut	Brass, CNC, nickel-plated			
Contact	Brass			
Contacts plating	Au (15µ" Gold)			
O-ring	FKM/ Silicon O-Ring			
Protection degree	IP67(M12)			
Pollution degree	3			

Ordering No.					
Poles	Cable length	M12 X Male - RJ45 Female		M12 X Female - RJ45 Female	
		PVC (Green Cable)	PUR (Lake blue Cable)	PVC (Green Cable)	PUR (Lake blue Cable)
8 Pin	0.3 m	EPIC RJ6AC2-MC08C1LSXSB26CG03	EPIC RJ6AC2-MC08C1LSXSB26RLB03	EPIC RJ6AC2-MC08C2LSXSB26CG03	EPIC RJ6AC2-MC08C2LSXSB26RLB03
		7433503468	7433503474	7433503480	7433503486
	0.6 m	EPIC RJ6AC2-MC08C1LSXSB26CG06	EPIC RJ6AC2-MC08C1LSXSB26RLB06	EPIC RJ6AC2-MC08C2LSXSB26CG06	EPIC RJ6AC2-MC08C2LSXSB26RLB06
		7433503469	7433503475	7433503481	7433503487
	1.0 m	EPIC RJ6AC2-MC08C1LSXSB26CG10	EPIC RJ6AC2-MC08C1LSXSB26RLB10	EPIC RJ6AC2-MC08C2LSXSB26CG10	EPIC RJ6AC2-MC08C2LSXSB26RLB10
		7433503470	7433503476	7433503482	7433503488
	1.5 m	EPIC RJ6AC2-MC08C1LSXSB26CG15	EPIC RJ6AC2-MC08C1LSXSB26RLB15	EPIC RJ6AC2-MC08C2LSXSB26CG15	EPIC RJ6AC2-MC08C2LSXSB26RLB15
		7433503471	7433503477	7433503483	7433503489
	2.0 m	EPIC RJ6AC2-MC08C1LSXSB26CG20	EPIC RJ6AC2-MC08C1LSXSB26RLB20	EPIC RJ6AC2-MC08C2LSXSB26CG20	EPIC RJ6AC2-MC08C2LSXSB26RLB20
		7433503472	7433503478	7433503484	7433503490
	3.0 m	EPIC RJ6AC2-MC08C1LSXSB26CG30	EPIC RJ6AC2-MC08C1LSXSB26RLB30	EPIC RJ6AC2-MC08C2LSXSB26CG30	EPIC RJ6AC2-MC08C2LSXSB26RLB30
		7433503473	7433503479	7433503485	7433503491

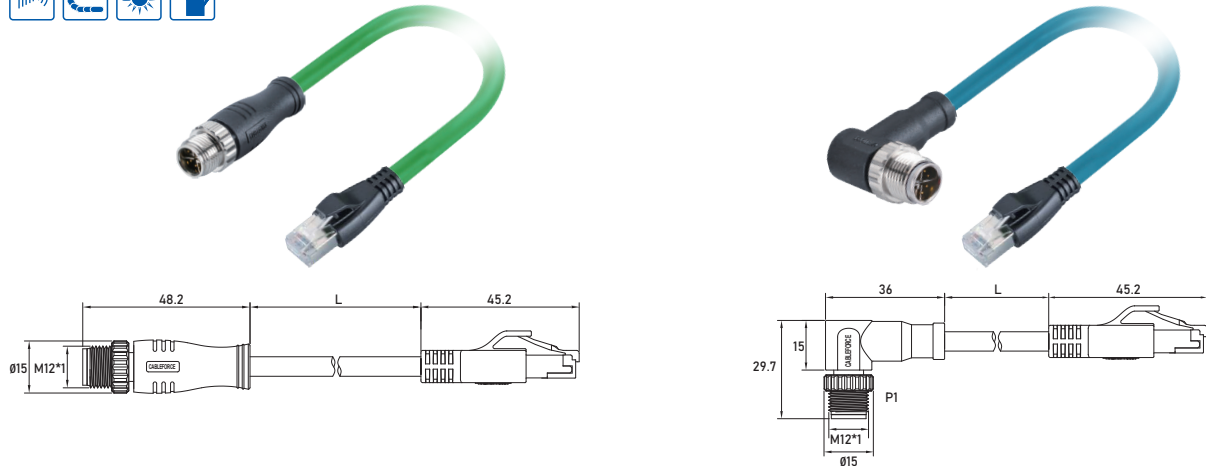
Wiring Diagram



M12 X-Code Profinet/ Ethernet Cables



M12 X-Code, male to RJ45 male, double ended, molded 10Gbps Cat 6A 4x2x26AWG Ethernet cable, 360° EMI-Shielded



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Insulation resistance	≥100MΩ		
Contact resistance	≤ 5mΩ		
Characteristic impedance	100Ω ±15		
Over-molding	TPU		
Contact carrier	PA66 + GF		
Screw nut	Brass, CNC, nickel-plated		
Contact	Brass		
Contacts plating	Au (15µ"Gold)		
O-ring	FKM/ Silicon O-Ring		
Protection degree	IP67(M12)		
Drag chain bending	2 Million times		
Pollution degree	3		

Ordering No.					
Poles	Cable length	180° Straight		90° Right Angled - 180° Straight	
		PUR (Green Cable)	PUR (Lake blue Cable)	PUR (Green Cable)	PUR (Lake blue Cable)
8 Pin	0.3 m	EPIC RJ6AC1-MC08C1LSXSB26RG03-PFNF2	EPIC RJ6AC1-MC08C1LSXSB26RLB03-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RG03-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RLB03-PFNF2
		7433503492	7433503498	7433503504	7433503510
	0.6 m	EPIC RJ6AC1-MC08C1LSXSB26RG06-PFNF2	EPIC RJ6AC1-MC08C1LSXSB26RLB06-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RG06-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RLB06-PFNF2
		7433503493	7433503499	7433503505	7433503511
	1.0 m	EPIC RJ6AC1-MC08C1LSXSB26RG10-PFNF2	EPIC RJ6AC1-MC08C1LSXSB26RLB10-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RG10-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RLB10-PFNF2
		7433503494	7433503500	7433503506	7433503512
	1.5 m	EPIC RJ6AC1-MC08C1LSXSB26RG15-PFNF2	EPIC RJ6AC1-MC08C1LSXSB26RLB15-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RG15-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RLB15-PFNF2
		7433503495	7433503501	7433503507	7433503513
	2.0 m	EPIC RJ6AC1-MC08C1LSXSB26RG20-PFNF2	EPIC RJ6AC1-MC08C1LSXSB26RLB20-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RG20-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RLB20-PFNF2
		7433503496	7433503502	7433503508	7433503514
	3.0 m	EPIC RJ6AC1-MC08C1LSXSB26RG30-PFNF2	EPIC RJ6AC1-MC08C1LSXSB26RLB30-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RG30-PFNF2	EPIC RJ6AC1-MC08C1LRSXSB26RLB30-PFNF2
		7433503497	7433503503	7433503509	7433503515

Wiring Diagram

