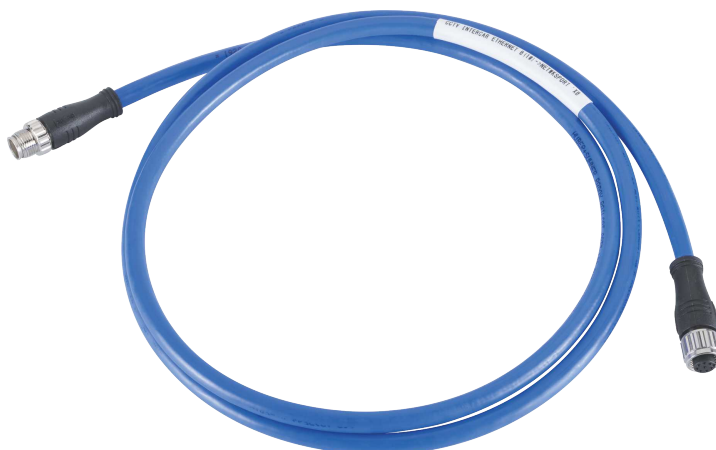


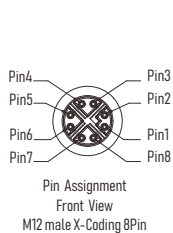
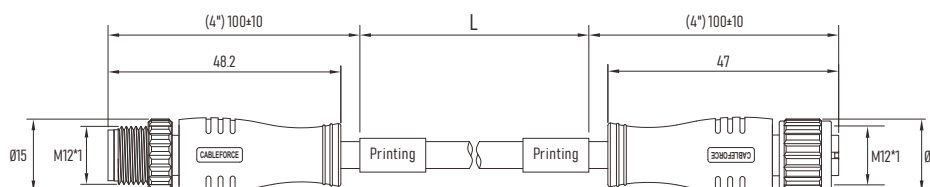
M12 X-Code 8Pin male to M12 A-Code 8Pin female, molded NFPA 130, EN 45545, LSZH Certified Cat 7 4x2x24AWG Ethernet Cable
 M12 X-型8芯公头 接 M12 A-型8芯母头 成型式 预铸Cat 7 4x2x24AWG NFPA 130, EN 45545, LSZH 机车认证电缆



Connector Technical data 技术参数

Contacts No.	Pin位/芯数	M12 X-Code 8Pin Male 公头	M12 A-Code 8Pin Female 母头
Front View	正视图		
Reference Standard	参照标准	IEC 61076-2-101, IEC 61076-2-109	
Rated current	额定电流	0.5A	
Rated voltage	额定电压	50V	
Impulse voltage	脉冲高压	800V	
Locking system	锁紧方式	M12 x 1.0 screw / M12 螺丝锁紧	
Termination	接线方式	Soldering / 焊接	
Cable specification	电缆规格	0.25mm ² (AWG 24), NFPA 130, EN45545 Certified CAT 7 SFTP 4x2x24AWG LSZH Cable 机车认证, 低烟无卤电缆	
Rated temperature	温度范围	-40 °C ... +90 °C	
Insulation resistance	绝缘电阻	≥100MΩ	
Contact resistance	接触电阻	≤5mΩ	
Characteristic impedance	特性阻抗	100Ω ±10	
Over-molding	外模材料	TPU	
Contact carrier	胶芯材料	TPU + GF	
Screw nut	螺丝材料	Brass, CNC, nickel-plated 黄铜 镀镍 机加工	
Contact	Pin针端子	Brass 黄铜, Phosphor bronze 磷青铜	
Contacts plating	端子镀层	Au (Gold) 镀金	
Protection degree	防护等级	IP67, IP68	
Pollution degree	污染等级	3	

Wiring Diagram 接线表



P1 (X-Coding)		Wire List	P2 (A-Coding)	
Pin 1	White/Orange	白/橙 (AWG 24)	Pin 4	
Pin 2	Orange	橙 (AWG 24)	Pin 6	
Pin 3	White/Green	白/绿 (AWG 24)	Pin 5	
Pin 4	Green	绿 (AWG 24)	Pin 8	
Pin 5	White/Brown	白/棕 (AWG 24)	Pin 2	
Pin 6	Brown	棕 (AWG 24)	Pin 3	
Pin 7	White/Blue	白/蓝 (AWG 24)	Pin 1	
Pin 8	Blue	蓝 (AWG 24)	Pin 7	
Shell	Braid shielding	编织	Pin 7	

