NFPA 130, EN 45545 LSZH Ethernet Cable

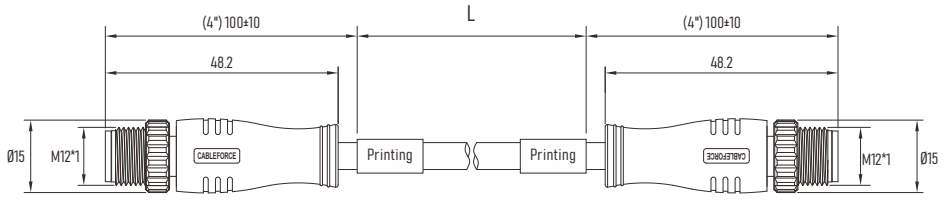
M12 X-Code 8Pin male to M12 A-Code 8Pin male, molded NFPA 130, EN 45545, LSZH Certified Cat 7 4x2x24AWG Ethernet Cable

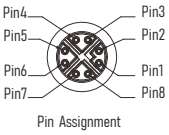
M12 X-型8芯公头 接 M12 A-型8芯公头 成型式 预铸Cat 7 4x2x24AWG NFPA 130, EN 45545，LSZH 机车认证电缆

Connector Technical data 技术参数

Contacts No. Pin位/芯数	M12 X-Code 8Pin Male 公头	M12 A-Code 8Pin male 公头
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	0.25mm² (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	
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

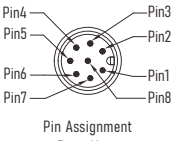




Pin Assignment
Front View
M12 male X-Coding 8Pin

Wire List

P1 (X-Coding)				P2 (A-Coding)
Pin 1	White /Orange	白/橙	(AWG 24)	Pin 6
Pin 2	Orange	橙	(AWG 24)	Pin 4
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		Shell



Pin Assignment
Front View
M12 male A-Coding 8Pin