星绞四芯以太网电缆
Star-Quad Ethernet Cables

24 AWG、100 Ω 星绞四芯以太网电缆，采用双层屏蔽与黄色 FEP 护套。
24 AWG, 100 Ω star-quad cable with dual shields and a yellow FEP jacket.

基础产品规格 / BASIC PRODUCT SPECIFICATION

参数 Parameter	数值 Value	说明 Description
阻抗 Impedance	100 ± 10 Ω	产品规格 / Product specification
工作温度 Operating temperature	-65 ~ 155 °C	产品规格 / Product specification

主要材料 / Main materials

结构 Component	材料 Material
导体 / 绝缘 Conductor / dielectric	镀银铜绞线 / ePTFE-PTFE Silver-plated stranded copper / ePTFE-PTFE
屏蔽 / 护套 Shield / jacket	镀锡铜扁带编织 + 镀锡铜编织 / FEP Tinned copper flat braid + tinned copper braid / FEP

星绞四芯配置 / Star-quad construction

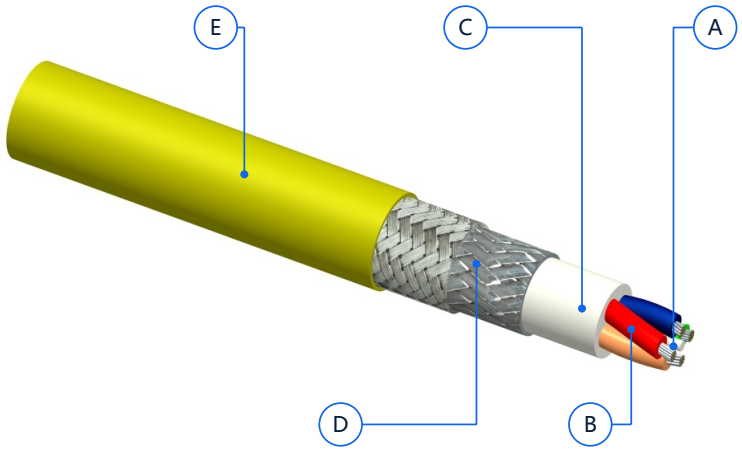
型号 Model	信号导体 Signal conductor (AWG)	完成外径 Overall diameter (mm)	最大重量 Maximum mass (g/m)
CM-QUAD-SQ-AWG24	24	4.06 ± 0.20	37.8

尺寸、材料与供货配置以订货规格为准；- 表示未列出。结构图仅适用各图标注的型号。
Dimensions, materials and supply configuration are governed by the order specification. A dash means not listed. Construction diagrams apply only to the models identified on each diagram.

结构与材料 / Construction and materials

产品结构 / Product construction

图示型号：CM-QUAD-SQ-AWG24
Illustrated model: CM-QUAD-SQ-AWG24



标号 ID	结构 Component	材料说明 Material
A	导体 Conductor	24 AWG 镀银铜绞线 24 AWG stranded silver-plated copper
B	绝缘 Insulation	ePTFE / PTFE
C	填充与包扎 Filler and wrap	FEP 填充、PTFE 包扎 FEP filler and PTFE wrap
D	双层屏蔽 Dual shield	镀锡铜扁带编织与镀锡铜编织 Tinned flat copper braid and tinned copper braid
E	护套 Jacket	黄色 FEP Yellow FEP

主要结构示意，非比例图；颜色及尺寸以具体型号为准。
Main construction illustration, not to scale. Colours and dimensions depend on model.

产品结构示意；仅适用上列型号。
Product construction illustration; applies only to the model identified above.