Cat 6A 以太网电缆
Cat 6A Ethernet Cables

四对 Cat6A 电缆，提供不同导体线规与工作温度配置。
Four-pair Cat6A cable configurations for different conductor sizes and operating temperatures.

基础产品规格 / BASIC PRODUCT SPECIFICATION

参数 Parameter	数值 Value	说明 Description
标称阻抗 Nominal impedance	100 Ω	产品规格 / Product specification

主要材料 / Main materials

结构 Component	材料 Material
基础型号结构 Standard model constructions	无 S02 后缀型号：镀银铜导体、ePTFE/PTFE 绝缘、线对铝箔屏蔽与总编织、氟塑料护套。 Models without S02 suffix: silver-plated copper, ePTFE/PTFE insulation, individual foil shields and overall braid, fluoropolymer jacket.
其他配置 Additional configurations	S02 护套及屏蔽按订单配置，温度和重量见单独型号表。 S02 jacket and shielding are specified per order; refer to the separate temperature and mass table.

Cat 6A 型号选型 / Cat 6A model selection

型号 Code	导体 Conductor (AWG)	最大外径 Max. diameter (mm)	最大重量 Max. mass (g/m)
CM-CAT6A-4P-AWG30	30	4.35	30
CM-CAT6A-4P-AWG28	28	5.4	59
CM-CAT6A-4P-AWG26	26	6.2	53
CM-CAT6A-4P-AWG24	24	7.5	69

其他 Cat6A 配置 / Additional Cat6A configurations

型号 Model	导体 Conductor (AWG)	工作温度 Temperature (°C)	最大重量 Maximum mass (g/m)
CM-CAT6A-4P-AWG24-S02	24	-25 ~ 80	78.6
CM-CAT6A-4P-AWG26-S02	26	-25 ~ 80	62.0
CM-CAT6A-4P-AWG28-S02	28	-55 ~ 200	42.0
CM-CAT6A-4P-AWG30-S02	30	-25 ~ 80	-

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.

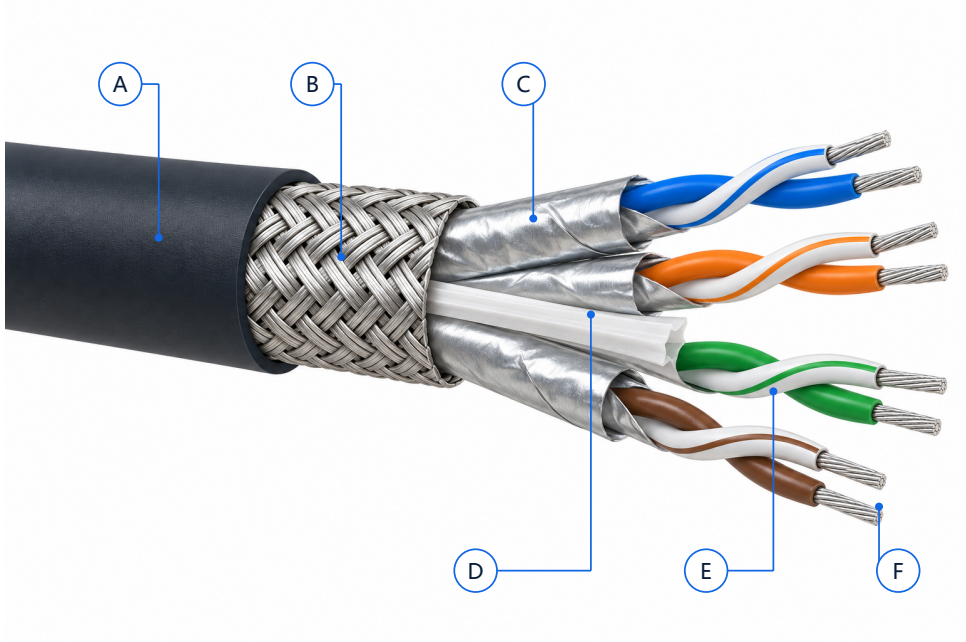
CM-CAT6A-4P-AWG26

参数 Parameter	数值 Value	说明 Description
差分阻抗 Differential impedance	100 ± 10 Ω	产品规格 / Product specification
标称电容 Nominal capacitance	43 pF/m	产品规格 / Product specification
标称传播时延 Nominal propagation delay	4.3 ns/m	产品规格 / Product specification
最小弯曲半径 Min. bend radius	45 mm	产品规格 / Product specification
工作温度 Operating temperature	-55 to +200 °C	产品规格 / Product specification

结构与材料 / Construction and materials

四对分屏蔽结构 / Four individually shielded pairs

适用型号：CM-CAT6A-4P-AWG30 / AWG28 / AWG24
Applies to CM-CAT6A-4P-AWG30 / AWG28 / AWG24



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.

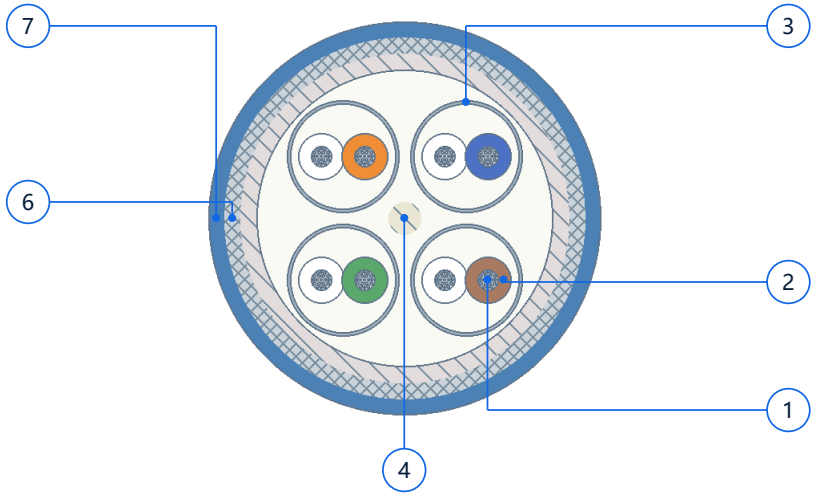
标号 ID	结构 Component	材料说明 Material
A	外护套 Outer jacket	氟塑料 Fluoropolymer
B	总屏蔽 Overall shield	镀银铜圆线编织 Silver-plated round copper wire braid
C	线对屏蔽 Pair shield	铝/聚酰亚胺带，导电面朝外 Aluminium/polyimide tape, conductive side out
D	填充条 Filler strip	ePTFE
E	芯线绝缘 Core insulation	ePTFE / PTFE
F	导体 Conductor	四对镀银铜绞线 Four pairs of stranded silver-plated copper

CONMOLY 产品结构示意
CONMOLY product construction illustration

结构与材料 / Construction and materials

CM-CAT6A-4P-AWG26

适用型号：CM-CAT6A-4P-AWG26
Applies to CM-CAT6A-4P-AWG26



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.

CONMOLY 主要结构示意
CONMOLY main construction illustration

标号 ID	结构 Component	材料说明 Material
1	八根信号导体 Eight signal conductors	26AWG（19/0.10）镀银铜绞线 26 AWG (19/0.10) stranded silver-plated copper
2	芯线绝缘 Core insulation	ePTFE / PTFE；白蓝/白橙/白绿/白棕 ePTFE / PTFE; white-blue/orange/green/brown pairs
3	线对分屏蔽 Individual pair shields	耐高温铝箔，铝面朝外 Heat-resistant aluminium foil, aluminium side out
4	中心加强/填充 Centre strength member	圆形ePTFE Round ePTFE
6	总编织屏蔽 Overall braided shield	40AWG镀银圆铜线；最低遮蔽率92% 40 AWG silver-plated round copper; minimum coverage 92%
7	护套 Jacket	蓝色FEP Blue FEP