屏蔽双绞线
Shielded Twisted-Pair Cables

提供 100 Ω 与 120 Ω 屏蔽双绞线，采用氟塑料绝缘与 FEP 护套。
100 Ω and 120 Ω shielded twisted-pair cables with fluoropolymer insulation and FEP jackets.

基础产品规格 / BASIC PRODUCT SPECIFICATION

参数 Parameter	数值 Value	说明 Description
工作温度 Operating temperature	-55 ~ 200 °C	产品规格 / Product specification
标称阻抗 Nominal impedance	100 Ω / 120 Ω	产品规格 / Product specification

主要材料 / Main materials

结构 Component	材料 Material
导体 Conductor	按配置采用镀银铜或合金。 Silver-plated copper or alloy, according to construction.
绝缘 Dielectric	ePTFE / PTFE
屏蔽 / 护套 Shield / jacket	镀银铜编织 / FEP Silver-plated copper braid / FEP

阻抗控制配置 / Impedance-controlled constructions

型号 Model	导体 Conductor (AWG)	阻抗 Impedance (Ω)	重量 Mass (g/m)
CM-STP-Z100-AWG20	20 (19/32)	100 ± 10	34.7
CM-STP-Z100-AWG22	22 (19/34)	100 ± 10	26.3
CM-STP-Z100-AWG24-S01	24 (7/32)	100 ± 10	16.4
CM-STP-Z100-AWG26	26 (19/38)	100 ± 10	13.4
CM-STP-Z100-AWG28	28 (7/36)	100 ± 10	9.5
CM-STP-Z100-AWG30	30 (7/38)	100 ± 10	7.3
CM-STP-Z120-AWG20	20 (19/32)	120 ± 10	44.3
CM-STP-Z120-AWG22	22 (19/34)	120 ± 10	32.1
CM-STP-Z120-AWG24	24 (7/32)	120 ± 10	19.7
CM-STP-Z120-AWG26	26 (19/38)	120 ± 10	16.4
CM-STP-Z120-AWG28	28 (7/36)	120 ± 10	12.6
CM-STP-Z120-AWG30	30 (7/38)	120 ± 10	7.9

外形配置 / Profile-specific constructions

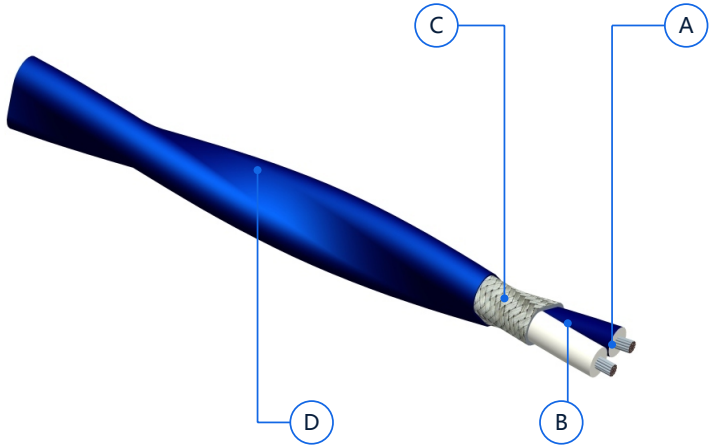
型号 Model	导体 Conductor (AWG)	完成外形 Overall dimensions (mm)	最大重量 Maximum mass (g/m)
CM-STP-Z100-AWG24-S02	24	3.32 × 2.51	16.4
CM-STP-Z120-AWG26-S02	26	3.70	23.1

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-STP-Z100-AWG24-S02
Illustrated model: CM-STP-Z100-AWG24-S02



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	屏蔽 Shield	镀银铜编织 Silver-plated copper braid
D	护套 Jacket	蓝色 FEP Blue FEP

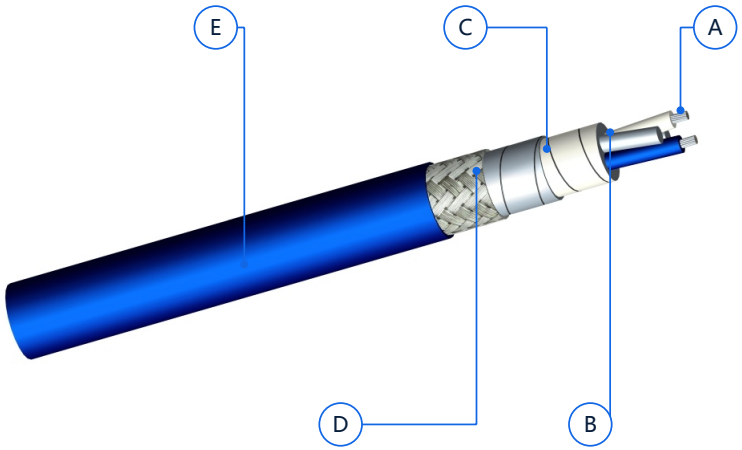
主要结构示意，非比例图；颜色及尺寸以具体型号为准。
Main construction illustration, not to scale. Colours and dimensions depend on model.

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

结构与材料 / Construction and materials

产品结构 / Product construction

图示型号：CM-STP-Z120-AWG26-S02
Illustrated model: CM-STP-Z120-AWG26-S02



标号 ID	结构 Component	材料说明 Material
A	导体 Conductor	26 AWG 镀银铜绞线 26 AWG stranded silver-plated copper
B	绝缘 Insulation	ePTFE / PTFE
C	填充与包扎 Filler and wrap	PTFE 填充、ePTFE 包扎 PTFE filler and ePTFE wrap
D	屏蔽 Shield	镀银铜编织 Silver-plated copper braid
E	护套 Jacket	蓝色 FEP Blue 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.