微波低损耗同轴电缆
Low-Loss Microwave Coaxial Cables

50 Ω 微波同轴电缆，提供多种外径及低密度或实心 PTFE 绝缘配置。
50 Ω microwave coaxial cables in multiple diameters, with low-density or solid PTFE dielectric options.

基础产品规格 / BASIC PRODUCT SPECIFICATION

参数 Parameter	数值 Value	说明 Description
标称阻抗 Nominal impedance	50 Ω	产品规格 / Product specification

主要材料 / Main materials

结构 Component	材料 Material
绝缘 Dielectric	低密度 PTFE；OD4P70 为实心 PTFE。 Low-density PTFE; solid PTFE for OD4P70.
屏蔽 Shielding	金属带与编织屏蔽，结构随型号配置。 Metal tape and braided shielding; construction depends on model.

低密度 PTFE 配置 / Low-density PTFE constructions

CONMOLY 型号 CONMOLY model	中心导体 Centre conductor (mm)	完成外径 Overall diameter (mm)	重量 Mass (g/m)
CM-COAX-LL-OD3P15	0.64	3.15	27
CM-COAX-LL-OD5P35	1.42	5.35	67
CM-COAX-LL-OD7P75	2.06	7.75	118
CM-COAX-LL-OD8P00	2.25	8.00	136
CM-COAX-LL-OD4P95	1.30	4.95 ± 0.15	≤58
CM-COAX-LL-OD5P46	1.42	5.46	≤64
CM-COAX-LL-OD6P35	1.57	6.35 ± 0.20	≤100
CM-COAX-LL-OD7P60	2.05	7.60 ± 0.20	≤118

实心 PTFE 配置 / Solid PTFE construction

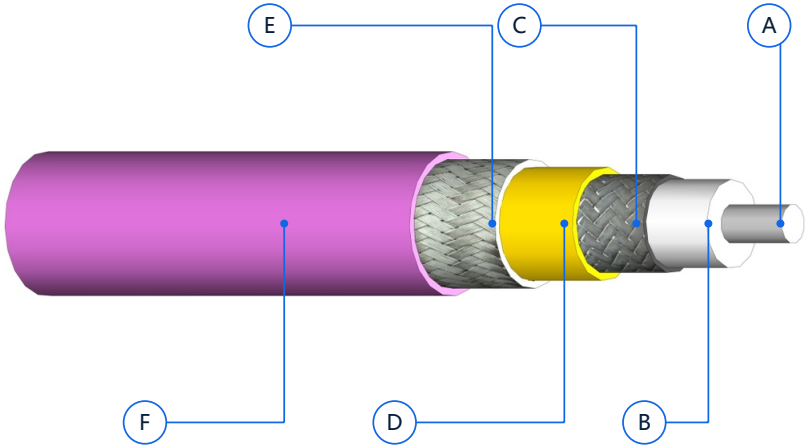
CONMOLY 型号 CONMOLY model	中心导体 Centre conductor (mm)	完成外径 Overall diameter (mm)	重量 Mass (g/m)
CM-COAX-LL-OD4P70	0.914	4.70 ± 0.15	≤60

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-COAX-LL-OD4P95
Illustrated model: CM-COAX-LL-OD4P95



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.

标号 ID	结构 Component	材料说明 Material
A	中心导体 Centre conductor	镀银铜 Silver-plated copper
B	绝缘 Dielectric	ePTFE
C	外导体 Outer conductor	镀银铜扁带 Silver-plated copper flat tape
D	包带 Tape	高温铝箔屏蔽 High-temperature aluminium foil shield
E	屏蔽 Shield	镀银铜编织 Silver-plated copper braid
F	护套 Jacket	FEP