



Reference: 10275717
Country Ref.: 2PM719

CONTACT

Markets and Products Information
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COMMUNICATION CABLES

FLAMEX® LLC (Low Loss Coaxial) are intended for antenna wireless communication systems. This product range offers superior RF shielding effectiveness. It is compatible with all standard coaxial connectors.

STANDARDS

Product EN 45545-2 (HL3); EN 50264-1

DESIGN

1. Conductor
Bare Copper
2. Insulation
Foam polyethylene
3. Screen
Aluminium/polyester tape
Tinned copper braid
Separator tape
4. Outer sheath
Cross-linked material EM 104 acc. EN 50264-1
Oil, diesel, ozone and UV resistant
Colour: black

Example of marking: DTREN 150063 ANTENNA COAXIAL 50 OHMS - LOW LOSS 240 - FLAMEX 239 - EDE 2PM719- week / year - Batch number

ADDITIONAL INFORMATION

- Compatible with all standard coaxial connectors
- Bending radius:
 - o Static use: ... x outer cable diameter
 - o For installation and occasional movements: ... x outer cable diameter



无卤
EN 60754-1 & EN 60684-2



阻燃 - 火焰
IEC/EN 60332-1-2



阻燃
EN IEC 60332-3-24
(cat. C); EN IEC 60332-3-25
(EN50305)



烟密度
EN/IEC 61034-2



气体毒性
EN 50305-9.2



抗电磁干扰
是



耐化学物质
好



Static bending
rad.
60 mm

CHARACTERISTICS

结构特性

导体材料	裸铜线
绝缘	Foam polyethylene
Taping	Aluminium / Polyester tape
屏蔽	镀锡铜编织
Separator	Separator Tape
外护套	Cross-linked compound
无卤	EN 60754-1 & EN 60684-2
护套颜色	黑

尺寸特性

标称外径	6.1 mm
近似重量	60 kg/km

电气特性

特性阻抗	50 Ohm
Nominal capacitance	78.0 pF/m
内导体电阻 (DC)	- Ohm/km

传输特性

传播速度	80 %
Minimum return loss 10 to 450 MHz	28 dB
Minimum return loss 450 to 1'000 MHz	26 dB
衰减, 额定450MHz	17.2 dB/100m
衰减, 额定1800MHz	35.9 dB/m

使用特性

阻燃 - 火焰	IEC/EN 60332-1-2
阻燃	EN IEC 60332-3-24 (cat C); EN IEC 60332-3-25 (EN50305)
烟密度	EN/IEC 61034-2
气体毒性	EN 50305-9.2
抗电磁干扰	是
耐化学物质	好
最小弯曲半径 - 静态	60 mm