



Country Ref.: 2PM712

CONTACT

Markets and Products Information
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COMMUNICATION CABLES

Lynxéo produces a range of coaxial cables (50-95 Ω) for data transmission and video signal in onboard equipment. FLAMEX® products are compatible with all standard coaxial connectors.

STANDARDS

Product EN 45545-2 (HL3); EN 50264-1; MIL C17; NF C93-550

DESIGN

1. Conductor

Stranded bare, tinned or silver coated copper

2. Dielectric

Polyethylene (PE)

3. Screen

Single or double braid in bare, tinned or silver coated copper

4. Sheath

Cross-linked halogen-free

Colour: black. Optional lay up with fire barrier tapes

Example of marking: KX13 - 50 OHMS - DTREN 150017 - FLAMEX 239 - EDE 2PJ749 - week/year - Batch number

ADDITIONAL INFORMATION

- Bending radius:
 - Static use: 5 x outer diameter
 - For installation and occasional movements: ... x outer cable diameter
- Standards: MIL C 17 (RG) - NF C 93 550 (KX)
- Compatible with standard connectors: SMA, SMB, TNC, BNC, N...
- Electrical characteristics:
 - COAXIAL CABLES 50 Ω: Capacity < 106 pF/m - Velocity of propagation 65.9%
 - COAXIAL CABLES 75 Ω: Capacity < 72.2 pF/m - Velocity of propagation 65.9%



Halogen free
 EN 60754-1 & EN 60684-2



Flame retardant
 IEC/EN 60332-1-2



Fire retardant
 EN IEC 60332-3-24 (cat C); EN IEC 60332-3-25 (EN50305)



Smoke density
 EN/IEC 61034-2



Gases toxicity
 EN 50305-9.2



Electro magnetic interference resistance
 Yes



Chemical resistance
 Good

CHARACTERISTICS**Construction characteristics**

Construction type	19 x 0.18
Screen	Double braid
Outer sheath	Cross-linked compound
Halogen free	EN 60754-1 & EN 60684-2
Sheath colour	Black

Dimensional characteristics

Nominal outer diameter	5.38 mm
Approximate weight	50 kg/km

Electrical characteristics

Characteristic impedance	50 Ohm
Operating voltage Vo AC	1400 V

Usage characteristics

Flame retardant	IEC/EN 60332-1-2
Fire retardant	EN IEC 60332-3-24 (cat C); EN IEC 60332-3-25 (EN50305)
Smoke density	EN/IEC 61034-2
Gases toxicity	EN 50305-9.2
Electro magnetic interference resistance	Yes
Chemical resistance	Good