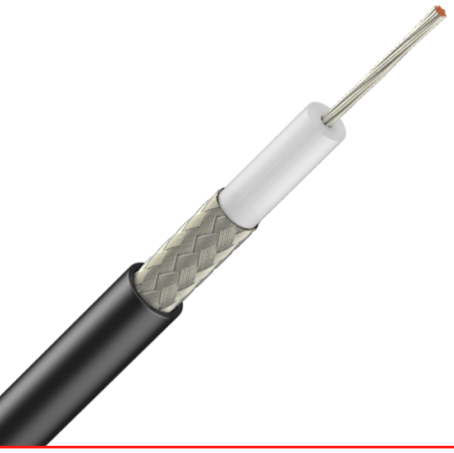
FLAMEX® KX/RG COAXIAL

FLAMEX® KX6A / RG59



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CONTACT

Markets and Products Information
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COMMUNICATION CABLES

Lynxeo 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

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CHARACTERISTICS

Construction characteristics	
Construction type	7 x 0.20
Screen	Single braid
Outer sheath	Cross-linked compound
Halogen free	EN 60754-1 & EN 60684-2
Sheath colour	Black
Dimensional characteristics	
Nominal outer diameter	6.1 mm
Approximate weight	57 kg/km
Electrical characteristics	
Characteristic impedance	75 Ohm
Operating voltage Vo AC	1700 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