



Reference: 10275486

Country Ref.: 2PJ749

CONTACT

Markets and Products Information
rollingstock.business@lynxeogroup.com

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%



Senza alogeno
 EN 60754-1 & EN 60684-2



Ritardante la fiamma
 IEC/EN 60332-1-2



Fuoco ritardante
 EN IEC 60332-3-24 (cat C); EN IEC 60332-3-25 (EN50305)



Densita' fumo
 EN/IEC 61034-2



Tossicita' gas
 EN 50305-9.2



Resistenza ad interferenza elettromagnetica
 SI



Resistenza chimica
 Buona

CHARACTERISTICS**Caratteristiche costruttive**

Costruzione	7 x 0.75
Schermo	Treccia doppia
Guaina esterna	Mescola reticolata
Senza alogeno	EN 60754-1 & EN 60684-2
Colore della guaina esterna	Nero

Caratteristiche dimensionali

Diametro esterno nominale del cavo	10,8 mm
Peso approssimativo del cavo	205 kg/km

Caratteristiche elettriche

Impedenza	50 Ohm
Operating voltage Vo AC	3700 V

Caratteristiche d'utilizzo

Ritardante la fiamma	IEC/EN 60332-1-2
Fuoco ritardante	EN IEC 60332-3-24 (cat C); EN IEC 60332-3-25 (EN50305)
Densita' fumo	EN/IEC 61034-2
Tossicita' gas	EN 50305-9.2
Resistenza ad interferenza elettromagnetica	SI
Resistenza chimica	Buona