



Reference: 10275487
Country Ref.: 2PM711

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

Produkt 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%



Halogenfrei
 EN 60754-1 & EN 60684-2



Flammwidrig
 IEC/EN 60332-1-2



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



Rauchdichte
 EN/IEC 61034-2



Toxizität der (Brand-) Gase
 EN 50305-9.2



Elektromagnetisch geschirmt
 Ja



Chemische Beständigkeit
 Gut

CHARACTERISTICS**Konstruktionsmerkmale**

Leitungsaufbau	19 x 0.18
Schirm	Single braid
Außenmantel	Cross-linked compound
Halogenfrei	EN 60754-1 & EN 60684-2
Mantelfarbe	Schwarz

Abmessungsmerkmale

Außendurchmesser, nom.	4,95 mm
Nettogewicht ca.	45 kg/km

Elektrische Eigenschaften

Wellenwiderstand	50 Ohm
Operating voltage Vo AC	1400 V

Anwendungsmerkmale

Flammwidrig	IEC/EN 60332-1-2
Flammwidrig	EN IEC 60332-3-24 (cat C); EN IEC 60332-3-25 (EN50305)
Rauchdichte	EN/IEC 61034-2
Toxizität der (Brand-)Gase	EN 50305-9.2
Elektromagnetisch geschirmt	Ja
Chemische Beständigkeit	Gut