



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

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	Double braid
Außenmantel	Cross-linked compound
Halogenfrei	EN 60754-1 & EN 60684-2
Mantelfarbe	Schwarz

**Abmessungsmerkmale**

Außendurchmesser, nom.	5,38 mm
Nettogewicht ca.	50 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