



CONTACT

Markets and Products Information
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COMMUNICATION CABLES

FLAMEX® LLC (Low Loss Coaxial) are intended for antenna wireless communication systems. This product range offers superior RF shielding effectiveness. It is compatible with all standard coaxial connectors.

STANDARDS

Produkt EN 45545-2 (HL3); EN 50264-1

DESIGN

1. Conductor

Bare Copper

2. Insulation

Foam polyethylene

3. Screen

Aluminium/polyester tape
Tinned copper braid
Separator tape

4. Outer sheath

Cross-linked material EM 104 acc. EN 50264-1
Oil, diesel, ozone and UV resistant
Colour: black

Example of marking: DTREN 150063 ANTENNA COAXIAL 50 OHMS - LOW LOSS 240 - FLAMEX 239 - EDE 2PM719- week / year - Batch number

ADDITIONAL INFORMATION

- Compatible with all standard coaxial connectors
- Bending radius:
 - Static use: ... x outer cable diameter
 - For installation and occasional movements: ... x outer cable diameter



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

Leitermaterial	Kupfer, blank
Isolierung	Foam polyethylene
Bewicklung	Aluminium / Polyester tape
Schirm	Kupfergeflecht, verzinkt
Separator	Separator Tape
Außenmantel	Cross-linked compound
Halogenfrei	EN 60754-1 & EN 60684-2

Elektrische Eigenschaften

Wellenwiderstand	50 Ohm
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Anwendungsmerkmale

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

FLAMEX® LOW LOSS COAXIAL 50 Ω

Reference	Country Ref.	Name	Außendurchmesser, nom. [mm]	Gewicht ca. [kg/km]	Dämpfung, nom. 450 MHz [dB/100m]	Dämpfung, nom. 1800 MHz [dB/m]
10275717	2PM719	FLAMEX® LLC 240	6,1	60	17,2	35,9
10275720	2PM720	FLAMEX® LLC 400	10,3	170	8,7	18,2
13117371	2PN366	FLAMEX® LLC 500	12,7	235	6,6	14,5