

KOKA 110 A++ LSZH Wh.500m drum

Art. Number 151619



KOKA 110 A++ - LSZH white - 500m drum

The most fire safe cable on the market (B2ca, S1a,d1,a1) according to the CPR EN50575 fire standard!

Is a triple shielded class A++ coaxial cable, which delivers high quality transportation of TV/Video signal with low LTE interference. This cable is the right choice if you require a crystal clear HD & 4K TV-picture.

- The highest level of interference protection (A++ screening efficiency)
- The best transfer impedance performance (A++)
- Suitable for Data, TV and satellite signals with the highest requirements
- High performance even over long distances
- Up And downstream data transmission
- Exceptional build quality and durability
- LSZH (Low Smoke Zero Halogen) jacket is ideal where fire resistance is a requirement

Technical Specifications

ORDER INFORMATION

EAN Number 5702661516191

CONSTRUCTION

Dielectric - dimension mm	4.65 ± 0.01 mm
Dielectric - material	Foam PE
1. Shield foil – material	Alu/PET copolymer bonded
1. Shield foil - overlap %	20 %
Inner conductor - dimension mm	1.05 ± 0.01 mm
Inner conductor - material	Cu
Jacket – dimension mm	6.9 ± 0.1 mm
Jacket - material	LSZH
2. Shield braid - material	CuSn
2. Shield braid - coverage %	82 %



Technical Specifications

3. Shield foil – dimension mm	15um/12um mm
3. Shield foil – material	Alu/PET

SHIELDING

Screening attenuation @ 1000-2000 MHz dB	≥ 118 dB
Screening attenuation @ 2000-3000 MHz dB	≥ 115 dB
Screening attenuation @ 30-1000 MHz dB	≥ 130 dB

TRANSFER IMPEDANCE

Transfer Impedance @ 5-30 MHz mΩ/m	< 0,9 mΩ/m
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CHARACTERISTICS

Type	KOKA 110
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LOSS

Attenuation (20°C/100mtr) @ 1000 MHz dB	21 dB
Attenuation (20°C/100mtr) @ 1350 MHz dB	24,1 dB
Attenuation (20°C/100mtr) @ 1750 MHz dB	27,8 dB
Attenuation (20°C/100mtr) @ 200 MHz dB	9.0 dB
Attenuation (20°C/100mtr) @ 2150 MHz dB	31,2 dB
Attenuation (20°C/100mtr) @ 2400 MHz dB	33 dB
Attenuation (20°C/100mtr) @ 3000 MHz dB	37,6 dB
Attenuation (20°C/100mtr) @ 470 MHz dB	13.6 dB
Attenuation (20°C/100mtr) @ 50 MHz dB	4,6 dB
Attenuation (20°C/100mtr) @ 5 MHz dB	1.5 dB
Attenuation (20°C/100mtr) @ 862 MHz dB	19,5 dB

RETURN LOSS

Structural return loss @ 1000-2400 MHz dB	≥ 20 dB
Structural return loss @ 2000-3000 MHz dB	≥ 20 dB
Structural return loss @ 470-1000 MHz dB	≥ 23 dB
Structural return loss @ 5-470 MHz dB	≥ 26 dB

ELECTRICAL

Capacity pF/m	52 ± 2 pF/m
Impedance Ω	75 ± 3 Ω
Inner DC resistance Ω/km	< 20 Ω/km
Insulation Resistance MΩ/km	> 10 ⁴ MΩ/km
Outer DC resistance Ω/km	< 9,8 Ω/km
Velocity ratio %	83 ± 1 %

OPERATIONAL

Application	Indoor
Notified Body	2479
DoP number	TR0013
Screening Efficiency	EN50117 (Class A++)



Technical Specifications

Fire Class	EN 50575 (B2ca)
Fire SubClass	S1a,d1,a1
Temperature - operating °C	-20...70 °C
Temperature - shipping °C	-20...70 °C
Temperature - storage °C	-20...70 °C

MECHANICAL

Cable length m	500 m
Colour	White
Packaging Depth m	0.390 m
Packaging Height m	0.270 m
Total Weight kg	0.058 kg
Packaging Width m	0.390 m
Minimum bending radius - single/repeated mm	35/70 mm
Net Weight kg	0.058 kg
Remarks	
Tara Weight kg	0.000 kg
Packaging Volume m3	0.041 m3