



KOKA 99 HD Plus LSZH 500m drum

Article number: 151708

Product description:

KOKA 99 HD Plus LSZH white 100m reel

- **Rated according to CPR EN50575 Firestandard Eca**

Triax KOKA 99 HD Plus LSZH type is a premium cable for indoor installations. The wide frequency range allows transmission of digital signals in both Cable-tv networks, Satellite antenna systems and Terrestrial antenna installations.

This cable is designed with a center conductor of bare copper (Cu) which offers high performance even over long distances. Due to the gas injected foam, which is far superior to the chemical foam, the copper conductor carries the signals without great losses. High shielding Class A means less problems with disturbances from external electrical devices and thereby a clear tv-picture.

Specifications

ORDER INFORMATION	
EAN Number	5702661517082
CONSTRUCTION	
Dielectric - dimension	4.6 ± 0.05 mm
Dielectric - material	PE gas injected
Jacket - dimension	6.8 ± 0.1 mm
Jacket - material	UV resistance LSZH
Shield (First) foil 1 - material	Al/Pet/Al - bonded
Shield (First) foil 1 - overlap	20 %
Shield (Second) - braid coverage	62 %
Shield (Second) - braid dimension	0,12x6x16 mm
Shield (Second) - braid material	Al
Third shield - foil 2 - material	Al/Pet
Inner conductor - material	Cu
Inner conductor - dimension	1.02 ± 0.02 mm
SHIELDING	
Screening attenuation @ 1000-2000 MHz	≥ 100 dB
Screening attenuation @ 2000-3000 MHz	≥ 100 dB
Screening attenuation @ 30-1000 MHz	≥ 105 dB
TRANSFER IMPEDANCE	
Transfer Impedance @ 5-30 MHz	≤ 5 mΩ/m

CHARACTERISTICS	
Type	KOKA 99 HD Plus
LOSS	
Attenuation (at 20°C) @ 1000 MHz	20.3 dB
Attenuation (at 20°C) @ 1350 MHz	24,5 dB
Attenuation (at 20°C) @ 1750 MHz	27.2 dB
Attenuation (at 20°C) @ 200 MHz	8,6 dB
Attenuation (at 20°C) @ 2150 MHz	30.6 dB
Attenuation (at 20°C) @ 2400 MHz	32.8 dB
Attenuation (at 20°C) @ 3000 MHz	37.5 dB
Attenuation (at 20°C) @ 470 MHz	13.6 dB
Attenuation (at 20°C) @ 50 MHz	4.6 dB
Attenuation (at 20°C) @ 5 MHz	1.7 dB
Attenuation (at 20°C) @ 862 MHz	18.8 dB
RETURN LOSS	
Structural return loss @ 1000-2000 MHz	>20 dB
Structural return loss @ 2000-3000 MHz	>20 dB
Structural return loss @ 470-1000 MHz	>23 dB
Structural return loss @ 5-470 MHz	>26 dB
ELECTRICAL	
Capacity	52 ± 2 pF/m
Outer DC resistance	<20 Ω/km
Velocity ratio	84 %
Impedance	75 ± 3 Ω
Insulation Resistance	>10000 MΩ/km
Inner DC resistance	<22.5 Ω/km
OPERATIONAL	
Screening Efficiency	Class A
Temperature - operating	-20...70 °C
Temperature - shipping	-20...70 °C
Temperature - storage	-20...70 °C
Application	Indoor
Fire Class	Cca
Fire subclass	s1a, d1, a1
DoP number	TR0007
Notified Body	2479
MECHANICAL	
Colour	White
Packaging Depth	0,001 m
Packaging Height	0,001 m
Total Weight	0,049 kg
Packaging Width	0,001 m
Length (m)	500 m
Minimum bending radius - single/repeated	23/70 mm
Net Weight	0,045 kg
Tara Weight	0,004 kg
Tensile Strength - Inner Conductor 1 (Ø)	140 N/mm ²
Tensile Strength - Outer Conductor 1 (Ø)	230 N/mm ²