



KOKA 99 HD Plus PE bl.100m reel

Art. Number 151709



KOKA 99 HD Plus PE black 100m reel

CPR compliant - Fire class Fca according to the EN50575 fire standard

TRIAX KOKA 99 HD Plus PE type is a premium cable for outdoor 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 electronic devices and thereby a clear tv-picture.

Technical Specifications

ORDER INFORMATION

EAN Number 5702661517099

CONSTRUCTION

Inner conductor - material	Cu
Inner conductor - dimension mm	1.02 ± 0.01 mm
Dielectric - material	Foam PE
Dielectric - dimension mm	4.57 ± 0.1 mm
1. Shield foil – material	Alu/PET/Alu bonded
1. Shield foil - overlap %	20 %
2. Shield braid - material	Alu
2. Shield braid - coverage %	77 %
3. Shield foil – material	Alu/PET
Jacket - material	PE
Jacket – dimension mm	6.9 ± 0.1 mm



Technical Specifications

SHIELDING

Screening attenuation @ 30-1000 MHz dB	≥ 105 dB
Screening attenuation @ 1000-2000 MHz dB	≥ 95 dB
Screening attenuation @ 2000-3000 MHz dB	≥ 95 dB

TRANSFER IMPEDANCE

Transfer Impedance @ 5-30 MHz mΩ/m	≤ 5 mΩ/m
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LOSS

Attenuation (20°C/100mtr) @ 5 MHz dB	1.9 dB
Attenuation (20°C/100mtr) @ 50 MHz dB	4.6 dB
Attenuation (20°C/100mtr) @ 100 MHz dB	6.5 dB
Attenuation (20°C/100mtr) @ 200 MHz dB	9.0 dB
Attenuation (20°C/100mtr) @ 470 MHz dB	13.5 dB
Attenuation (20°C/100mtr) @ 800 MHz dB	18.3 dB
Attenuation (20°C/100mtr) @ 862 MHz dB	18.8 dB
Attenuation (20°C/100mtr) @ 1000 MHz dB	20.3 dB
Attenuation (20°C/100mtr) @ 1350 MHz dB	23.6 dB
Attenuation (20°C/100mtr) @ 1600 MHz dB	26.2 dB
Attenuation (20°C/100mtr) @ 1750 MHz dB	27.3 dB
Attenuation (20°C/100mtr) @ 2150 MHz dB	30.8 dB
Attenuation (20°C/100mtr) @ 2400 MHz dB	32.5 dB
Attenuation (20°C/100mtr) @ 3000 MHz dB	36.5 dB

RETURN LOSS

Structural return loss @ 5-470 MHz dB	> 23 dB
Structural return loss @ 470-1000 MHz dB	> 20 dB
Structural return loss @ 1000-2000 MHz dB	> 18 dB
Structural return loss @ 2000-3000 MHz dB	> 16 dB

ELECTRICAL

Impedance Ω	75 ± 3 Ω
Capacity pF/m	52 ± 2 pF/m
Velocity ratio %	83 ± 1 %
Inner DC resistance Ω/km	≤ 21.5 Ω/km
Outer DC resistance Ω/km	<15 Ω/km

OPERATIONAL

Application	Outdoor
Fire Class	EN 50575 (Fca)
DoP number	TR0105
Screening Efficiency	EN50117 (Class A)



Technical Specifications

Suitable for

F-compression connector EX 6-49 NT Plus
F-compression connector EX 6-49/83
F-compression connector CX3 7.0 QM (Quick-mount) with o-ring, 50 pcs. box
F-compression connector CX3 4.9 SC short, 100 pcs. box
F-twist on connector SFC 070
F-twist on connector SFC 045
KOSWI 3 IEC coax plug, angled, male
KOKWI 3 IEC coax plug, angled, female
KOS 3 IEC coax plug, male
KOK 3 IEC coax plug, female
IEC - Self Install plug 56/5.1, straight, male
IEC - Self Install plug 56/5.1, straight, female
IEC - Self Install plug 56/5.1, angle, male
IEC - Self Install plug 56/5.1,

MECHANICAL

Cable length m	100 m
Minimum bending radius - single/repeated mm	35/70 mm
Colour	Black
Packaging Height m	0.001 m
Packaging Width m	0.001 m
Packaging Depth m	0.001 m
Packaging Volume m ³	0.000 m ³
Net Weight kg	0.045 kg
Tara Weight kg	0.004 kg
Total Weight kg	0.049 kg