

KOKA F6 Plus PE bl. 100m reel

Art. Number 151139



KOKA F6 Plus - PE black - 100m reel

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

TRIAX KOKA F6 Plus is a premium cable for outdoor installations. The wide frequency range allows the cable to carry signals for both television, radio, satellite receivers etc., whether the signal comes from satellite, terrestrial antenna or cable-tv.

This cable is designed with a center conductor of Copper Clad Steel (CCS) which offers high mechanical strength. Due to the gas injected foam, which is far superior to the chemical foam, the copper cladding carries the signals without great losses. A good quality conductor and appropriate gas injected dielectric grants velocity ratio higher than 80%.

Technical Specifications

ORDER INFORMATION

EAN Number 5702661511394

CONSTRUCTION

Inner conductor - material	CCS
Inner conductor - dimension mm	1.02 ± 0.03 mm
Dielectric - material	Foam PE
Dielectric - dimension mm	4.57 ± 0.1 mm
1. Shield foil – material	Alu/PET bonded
1. Shield foil - overlap %	20 %
2. Shield braid - material	Alu
2. Shield braid - coverage %	60 ± 3 %
3. Shield foil – material	Alu/PET
Jacket - material	PE

Technical Specifications

Jacket – dimension | mm 6.9 ± 0.2 mm

SHIELDING

Screening attenuation @ 30-1000 MHz | dB > 100 dB
 Screening attenuation @ 1000-2000 MHz | dB > 90 dB
 Screening attenuation @ 2000-3000 MHz | dB > 95 dB

LOSS

Attenuation (20°C/100mtr) @ 5 MHz | dB 2.4 dB
 Attenuation (20°C/100mtr) @ 50 MHz | dB 5.0 dB
 Attenuation (20°C/100mtr) @ 200 MHz | dB 9.0 dB
 Attenuation (20°C/100mtr) @ 470 MHz | dB 15.2 dB
 Attenuation (20°C/100mtr) @ 800 MHz | dB 18.2 dB
 Attenuation (20°C/100mtr) @ 862 MHz | dB 19 dB
 Attenuation (20°C/100mtr) @ 1000 MHz | dB 21.5 dB
 Attenuation (20°C/100mtr) @ 1350 MHz | dB 25.3 dB
 Attenuation (20°C/100mtr) @ 1750 MHz | dB 28.4 dB
 Attenuation (20°C/100mtr) @ 2150 MHz | dB 30.8 dB
 Attenuation (20°C/100mtr) @ 2400 MHz | dB 32.9 dB
 Attenuation (20°C/100mtr) @ 3000 MHz | dB 39.0 dB

RETURN LOSS

Structural return loss @ 470-1000 MHz | dB > 21 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
 Velocity ratio | % 81 %
 Inner DC resistance | Ω/km <100 Ω/km
 Outer DC resistance | Ω/km < 38 Ω/km

OPERATIONAL

Application Outdoor
 Fire Class EN 50575 (Fca)
 DoP number TR0103
 Notified Body 0051
 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	23/70 mm
Colour	Black
Packaging Height m	0.135 m
Packaging Width m	0.270 m
Packaging Depth m	0.270 m
Packaging Volume m3	0.000 m3
Net Weight kg	0.032 kg
Tara Weight kg	0.004 kg
Total Weight kg	0.036 kg