

KOKA F6 Plus PVC wh. 500m drum

Art. Number 151142



#### KOKA F6 Plus - PVC white - 100m reel

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

TRIAx KOKA F6 Plus is a premium cable for in-house 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%.

The PVC material is UV protected, meaning the cable stay white for a long time in sunny and warm weather conditions.

For outdoor installation we highly recommend the coax cables with PE jacket, as this material simply is more resistant to weather conditions.

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702661511424

### CONSTRUCTION

Dielectric - dimension   mm	4.57 ± 0.1 mm
Dielectric - material	Foam PE
1. Shield foil – material	Alu/PET bonded
1. Shield foil - overlap   %	20 %
Inner conductor - dimension   mm	1.02 ± 0.03 mm



## Technical Specifications

Inner conductor - material	CCS
Jacket – dimension   mm	6.9 ± 0.2 mm
Jacket - material	PVC
2. Shield braid - material	Alu
2. Shield braid - coverage   %	60 ± 3 %
3. Shield foil – material	Alu/PET

### SHIELDING

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

### CHARACTERISTICS

#### LOSS

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) @ 200 MHz   dB	9.0 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
Attenuation (20°C/100mtr) @ 470 MHz   dB	15.2 dB
Attenuation (20°C/100mtr) @ 50 MHz   dB	5.0 dB
Attenuation (20°C/100mtr) @ 5 MHz   dB	2.4 dB
Attenuation (20°C/100mtr) @ 862 MHz   dB	19.0 dB

#### RETURN LOSS

Structural return loss @ 1000-2000 MHz   dB	> 18 dB
Structural return loss @ 2000-3000 MHz   dB	> 16 dB
Structural return loss @ 470-1000 MHz   dB	> 21 dB

#### ELECTRICAL

Impedance   $\Omega$	75 ± 3 $\Omega$
Inner DC resistance   $\Omega$ /km	<100 $\Omega$ /km
Outer DC resistance   $\Omega$ /km	< 38 $\Omega$ /km
Velocity ratio   %	81 %

#### OPERATIONAL

Application	Indoor
Notified Body	0051
DoP number	TR0008
Screening Efficiency	EN50117 (Class A)
Fire Class	EN 50575 (Eca)



## 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
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### MECHANICAL

Cable length   m	500 m
Colour	White
Packaging Depth   m	0.370 m
Packaging Height   m	0.330 m
Total Weight   kg	0.052 kg
Packaging Width   m	0.370 m
Minimum bending radius - single/repeated   mm	23/70 mm



# TRIAx

connecting the future

## Technical Specifications

Net Weight   kg	0.052 kg
Tara Weight   kg	0.000 kg
Packaging Volume   m3	0.000 m3