

connecting the future



## KOKA F6 Plus PVC wh. 100m reel

Article number: 151137

### Product description:

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.

### Specifications

#### ORDER INFORMATION

EAN Number

5702661511370

## CONSTRUCTION

Inner conductor - material	CCS
Inner conductor - dimension	1.02 ± 0.03 mm
Dielectric - material	Foam PE
Dielectric - dimension	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	PVC
Jacket – dimension	6.9 ± 0.2 mm

## SHIELDING

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

## CHARACTERISTICS

Type	KOKA F6 Plus
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## LOSS

Attenuation (20°C/100mtr) @ 5 MHz	2.4 dB
Attenuation (20°C/100mtr) @ 50 MHz	5.0 dB
Attenuation (20°C/100mtr) @ 200 MHz	9.0 dB
Attenuation (20°C/100mtr) @ 470 MHz	15.2 dB
Attenuation (20°C/100mtr) @ 862 MHz	19.0 dB
Attenuation (20°C/100mtr) @ 1000 MHz	21.5 dB
Attenuation (20°C/100mtr) @ 1350 MHz	25.3 dB
Attenuation (20°C/100mtr) @ 1750 MHz	28.4 dB
Attenuation (20°C/100mtr) @ 2150 MHz	30.8 dB
Attenuation (20°C/100mtr) @ 2400 MHz	32.9 dB

Attenuation (20°C/100mtr) @ 3000 MHz	39.0 dB
RETURN LOSS	
Structural return loss @ 470-1000 MHz	> 21 dB
Structural return loss @ 1000-2000 MHz	> 18 dB
Structural return loss @ 2000-3000 MHz	> 16 dB
ELECTRICAL	
Impedance	75 ± 3 Ω
Velocity ratio	81 %
Inner DC resistance	<100 Ω/km
Outer DC resistance	< 38 Ω/km
OPERATIONAL	
Application	Indoor
Fire Class	Eca
DoP number	TR0008
Notified Body	0051
Screening Efficiency	EN50117 (Class A)
MECHANICAL	
Cable length	100 m
Minimum bending radius - single/repeated	23/70 mm
Colour	White
Packaging Height	0,001 m
Packaging Width	0,001 m
Packaging Depth	0,001 m
Net Weight	0,042 kg
Tara Weight	0,005 kg
Total Weight	0,047 kg