

connecting the future



## KOKA F6 Plus PVC wh. 250m reel

Article number: 151141

### **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                  | 5702661511417  |
| 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   |
| 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                             | 250 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                               | 0,051 kg          |
| Total Weight                             | 0,051 kg          |

