

KOKA 99 HD Plus PVC wh250m reel

Art. Number 151702



KOKA 99 HD Plus PVC white 250m reel

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

TRIAX KOKA 99 HD Plus PVC type is a premium cable for indoor 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 5702661517020

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 % |

Technical Specifications

| | |
|---------------------------|--------------|
| 3. Shield foil – material | Alu/PET |
| Jacket - material | PVC |
| Jacket – dimension mm | 6.9 ± 0.1 mm |

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 |
|--------------------------------------|----------|

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 | Indoor |
| Fire Class | EN 50575 (Eca) |
| DoP number | TR0009 |

Technical Specifications

| | |
|----------------------|--|
| Notified Body | 0051 |
| Screening Efficiency | EN50117 (Class A) |
| 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, angle, female F-compress 5/7 Triax Nitin F-compression connector F56-CX3-5.1, 100 pcs. box F-Self-install connector F56-5.1 blue, 100 box F-crimp connector F56-ALM 5.1/8.4, 100 pcs. box F-twist on connector FFV 201 Ø 6.7-6.8, 50 pcs. IECF 90 IECF DR IECM DR - Self install 5.1 ICTN FL ICTN M |

MECHANICAL

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| Cable length m | 250 m |
| Minimum bending radius - single/repeated mm | 35/70 mm |
| Colour | White |
| Packaging Height m | 0.170 m |
| Packaging Width m | 0.340 m |
| Packaging Depth m | 0.340 m |
| Packaging Volume m3 | 0.000 m3 |
| Net Weight kg | 0.043 kg |
| Tara Weight kg | 0.000 kg |
| Total Weight kg | 0.043 kg |