

## KOKA 110 A+ - PE black, 100m reel, Cu 1.02 Coax Cable

Art. Number 151613



### KOKA 110 A+ - PE black - 100m reel

- Is a triple shielded class A+ coaxial cable, which delivers high quality transportation of TV/Video signal with low LTE interference. This cable is the right choice if you require a clear TV-picture without pixilation.

- Class A+ (EN 50117-2-4) & PE cable (EN 50117-2-5)
- High quality materials means long durability
- High performance even over long distances
- LTE protected - tinned copper braid & two layers foils protect signals

PE jacket is ideal for outdoor installations.

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702661516139

### CONSTRUCTION

|                                  |                          |
|----------------------------------|--------------------------|
| Inner conductor - material       | Cu                       |
| Inner conductor - dimension   mm | 1.02 ± 0.01 mm           |
| Dielectric - material            | Foam PE                  |
| Dielectric - dimension   mm      | 4.6(+0.2-0.3) mm         |
| 1. Shield foil – material        | Alu/PET copolymer bonded |
| 1. Shield foil - overlap   %     | 20 %                     |
| 2. Shield braid - material       | CuSn                     |
| 2. Shield braid - coverage   %   | 60 %                     |
| 3. Shield foil – material        | Alu/PET                  |
| Jacket - material                | PE                       |
| Jacket – dimension   mm          | 6.8 ± 0.1 mm             |

## Technical Specifications

### SHIELDING

|                                            |          |
|--------------------------------------------|----------|
| Screening attenuation @ 30-1000 MHz   dB   | ≥ 106 dB |
| Screening attenuation @ 1000-2000 MHz   dB | ≥ 90 dB  |
| Screening attenuation @ 2000-3000 MHz   dB | ≥ 80 dB  |

### TRANSFER IMPEDANCE

|                                      |            |
|--------------------------------------|------------|
| Transfer Impedance @ 5-30 MHz   mΩ/m | < 2.5 mΩ/m |
|--------------------------------------|------------|

### LOSS

|                                           |         |
|-------------------------------------------|---------|
| Attenuation (20°C/100mtr) @ 5 MHz   dB    | 1.5 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) @ 862 MHz   dB  | 18.8 dB |
| Attenuation (20°C/100mtr) @ 1000 MHz   dB | 20.3 dB |
| Attenuation (20°C/100mtr) @ 2400 MHz   dB | 32.5 dB |

### RETURN LOSS

|                                             |         |
|---------------------------------------------|---------|
| Structural return loss @ 5-470 MHz   dB     | ≥ 25 dB |
| Structural return loss @ 470-1000 MHz   dB  | ≥ 23 dB |
| Structural return loss @ 1000-2400 MHz   dB | ≥ 20 dB |

### ELECTRICAL

|                            |             |
|----------------------------|-------------|
| Impedance   Ω              | 75 ± 3 Ω    |
| Capacity   pF/m            | 53 ± 2 pF/m |
| Velocity ratio   %         | 83 ± 1 %    |
| Inner DC resistance   Ω/km | < 21.5 Ω/km |
| Outer DC resistance   Ω/km | < 12.0 Ω/km |

### OPERATIONAL

|                      |                    |
|----------------------|--------------------|
| Application          | Outdoor            |
| Fire Class           | EN 50575 (Fca)     |
| DoP number           | TR0011             |
| Screening Efficiency | EN50117 (Class A+) |

## Technical Specifications

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable for                 | F-compression connector EX 6-49/83<br>F-compression connector EX 6-49 NT Plus<br>F-compression connector CX3 7.0 QM (Quick-mount) with o-ring, 50 pcs. box<br>F-compression connector CX3 4.9 SC short, 100 pcs. box<br>F-Self-install connector F56-4.9 yellow, 100 box<br>KOKWI 3 IEC coax plug, angled, female<br>KOSWI 3 IEC coax plug, angled, male<br>KOK 3 IEC coax plug, female<br>KOS 3 IEC coax plug, male<br>IEC - Self Install plug 56/5.1, straight, male<br>IEC - Self Install plug 56/5.1, straight, female<br>IEC - Self Install plug 56/5.1, angle, female<br>F-twist on connector SFC 070 |
| Temperature - operating   °C | -40...40 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Temperature - storage   °C   | -25...55 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Temperature - shipping   °C  | -40...70 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### MECHANICAL

|                                   |                      |
|-----------------------------------|----------------------|
| Cable length   m                  | 100 m                |
| Colour                            | Black                |
| Packaging Height   m              | 0.140 m              |
| Packaging Width   m               | 0.270 m              |
| Packaging Depth   m               | 0.270 m              |
| Packaging Volume   m <sup>3</sup> | 0.001 m <sup>3</sup> |
| Net Weight   kg                   | 0.041 kg             |
| Tara Weight   kg                  | 0.004 kg             |
| Total Weight   kg                 | 0.045 kg             |