




Cables

| Type | KOKA 709 | KOKA 799 DIGI | KOKA 799 FRNC |
|-----------------------------------|---|---|--|
| Order No. | 198 709-100 | 198 799-101 | 198 799-105 |
| |  |  |  |
| Product variants | | | |
| 100 m (white), coil | | 198 799-101 | 198 799-103 |
| 100 m (white), reel | 198 709-100 | 198 799-103 | |
| 100 m (black), coil | | 198 799-102 | |
| 500 m (white), drum | 198 709-500 | 198 799-501 | 198 799-505 |
| 500 m (black), drum | | 198 799-502 | |
| Mechanical characteristics | | | |
| Inner conductor | 1.1 mm/bare Cu | 1.13 mm/bare Cu | 1.13 mm/bare Cu |
| Insulation | 4.8 mm/ Cell PE | 4.8 mm/ Cell PE | 4.8 mm/ Cell PE |
| Outer conductor Ø | 5.6 mm | 5.6 mm | 5.6 mm |
| 1st Foil | Al/PET/Al | Al/ PET/ Al | Al/PET/Al |
| Braid | Alloy | Tin-copper | Tin-copper |
| Sheat-Ø | 6.8 mm | 6.8 mm | 6.8 mm |
| Sheat material | PVC white | PVC white | FRNC white |
| Electrical characteristics | | | |
| DC resistance | 6,8 Ω | 3,5 Ω | 3,5 Ω |
| Propagation velocity | 0,82 | 0,82 | 0,82 |
| Return loss | | | |
| 5 - 30 MHz | - | - | |
| 30-470 MHz | ≥ 18 dB | ≥ 23 dB | ≥ 23 dB |
| 470-862 MHz | ≥ 16 dB | ≥ 20 dB | ≥ 20 dB |
| 862-2150 MHz | ≥ 14 dB | ≥ 18 dB | ≥ 18 dB |
| Shielding | | | |
| 30-50 MHz | ≥ 75 dB | ≥ 90 dB | ≥ 90 dB |
| 50-1000 MHz | ≥ 75 dB | ≥ 95 dB | ≥ 95 dB |
| 1000-2150 MHz | ≥ 65 dB | ≥ 85 dB | ≥ 85 dB |
| Attenuation (100 m/ 20 °C) | | | |
| 5 MHz | 1.6 dB | 1.4 dB | ≥ 1,4 dB |
| 50 MHz | 4.4 dB | 4.2 dB | ≥ 4,2 dB |
| 100 MHz | 5.9 dB | 5.8 dB | ≥ 5,8 dB |
| 200 MHz | 8.2 dB | 8.3 dB | ≥ 8,3 dB |
| 2400 MHz | 33.4 dB | 30.8 dB | ≥ 30,8 dB |
| 400 MHz | 12.1 dB | 11.8 dB | ≥ 11,8 dB |
| 800 MHz | 18.0 dB | 17.0 dB | ≥ 17,0 dB |
| 1000 MHz | 20.5 dB | 19.2 dB | ≥ 19,2 dB |
| 1600 MHz | 27.2 dB | 25.1 dB | ≥ 25,1 dB |
| 2150 MHz | 31.6 dB | 29.1 dB | ≥ 29,1 dB |
| Operating conditions | | | |
| Fire loss | 0.66 MJ/m | 0.68 MJ/m | 0.74 MJ/m |
| Operating temperature | -25° ... +70°C | -25° ... +70°C | -25° ... +70°C |
| Bending radius, min. one-time | 7 cm | 7 cm | 7 cm |
| Reference standards | | | |
| Product standards | EN 50117 (2002) | EN 50117 (2002) | EN 50117 (2002) |

- marked by the meter

KOKA 709

- Cell-PE cable
- Preferred for SMATV installations and SAT IF

KOKA 799 DIGI

- Cell PE cable, phys. foamed
- Low attenuation
- High shielding rate
- Universal use for SAT IF and CATV building distribution systems


KOKA 799 FRNC

- FRNC-type also halogen-free, (IEC 60754-1) flame-resistant
- Cell PE cable, phys. foamed
- Low attenuation
- High shielding rate
- Universal use for SAT IF and CATV building distribution systems

