




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

