

Data sheet

Coax & CAT Cables

KOKA 80 - PE, black, 250m reel, Cu Coax Cable

Item number 150167



Specifications

Order information

EAN Number 5702661501678

Construction

Shield (Second) - braid material	CuSn
Anti migration foil - material	PET transparent
Jacket - material	PE
Shield (First) foil 1 - material	Al/Pet/Al tape - unbonded
Dielectric - material	PE gas injected
Inner conductor - material	Cu
Shield (Second) - braid coverage	> 40 %
Jacket - dimension	6.8 ± 0.1 mm
Shield (First) foil 1 - overlap	20
Dielectric - dimension	4.8 ± 0.1 mm
Inner conductor - dimension	1.02 ± 0.02 mm

Shielding

Screening attenuation @ 30-1000 MHz	> 85 dB
Screening attenuation @ 1000-2000 MHz	> 90 dB
Screening attenuation @ 2000-3000 MHz	> 75 dB

Transfer Impedance

Transfer Impedance @ 5-30 MHz < 10 mΩ/m

Loss

Attenuation (at 20°C) @ 1000 MHz	21.1 dB
Attenuation (at 20°C) @ 100 MHz	6.3 dB

Specifications

Attenuation (at 20°C) @ 1350 MHz	23.5 dB
Attenuation (at 20°C) @ 1600 MHz	26.6 dB
Attenuation (at 20°C) @ 1750 MHz	27.2 dB
Attenuation (at 20°C) @ 200 MHz	9.0 dB
Attenuation (at 20°C) @ 2150 MHz	30.8 dB
Attenuation (at 20°C) @ 2400 MHz	32.8 dB
Attenuation (at 20°C) @ 3000 MHz	36.7 dB
Attenuation (at 20°C) @ 400 MHz	13.3 dB
Attenuation (at 20°C) @ 470 MHz	13.4 dB
Attenuation (at 20°C) @ 50 MHz	4.6 dB
Attenuation (at 20°C) @ 5 MHz	1.5 dB
Attenuation (at 20°C) @ 862 MHz	19.6 dB

Return Loss

Structural return loss @ 1000-2000 MHz	> 18 dB
Structural return loss @ 2000-3000 MHz	> 16 dB
Structural return loss @ 470-1000 MHz	> 20 dB
Structural return loss @ 5-470 MHz	> 23 dB

Electrical

Capacity	52 ± 1 pF/m
Impedance	75 ± 3 Ω
Inner DC resistance	21.5 Ω/km
Outer DC resistance	21 Ω/km
Velocity ratio	84 %

Operational

Application	Outdoor
Class	B

Mechanical

Colour	Black
Minimum bending radius - single/repeated	35/70 mm
Length (m)	250 m
Total Weight	0,038 kg
Packaging Height	0,001 m
Packaging Width	0,001 m
Packaging Volume	0,000 m ³
Net Weight	0,038 kg
Tara Weight	0,000 kg