

Order number: 271624

Open text field 1:

- Impedance: 75 Ω
- Inner conductor bare copper; outer conductor welded copper tube
- Very high screening factor typical 120 dB and minimal attenuation values
- Compliant with: EN 50117; screening class A++
- Applications: Underground cable, exterior cable
- Suitable F connectors: EMK 106



Hersteller: Kathrein

## LCM 96/500m

### Product information "LCM 96/500m"

Coaxial cable, Fca, 500 m one-way drum, 11.0 mm, PE (bamboo), black, 1iKx - Dimensions: 1.1/7.3/11.0 mm, screening factor up to 1000 MHz typical 120 dB - Class A+

Type:	LCM 96/500m
Order no.:	271624
Screening class:	A++
Fire classification - Construction Products Regulations 305/2011:	Euro classification Fca
Installation location:	Indoors, outdoors, ground
Centre conductor:	1,1 Cu mm
Insulation:	7,3 PE (Cellrand) mm
Outer conductor:	7.8 Cu welded mm
External sheathing:	11,0 PE schwarz mm
Bending radius <sup>1)</sup> :	> 150 mm
Shortening factor:	0.66
Attenuation at 20 °C (f = 50 MHz):	3,6 dB/100 m
Attenuation at 20 °C (f = 100 MHz):	5,2 dB/100 m
Attenuation at 20 °C (f = 450 MHz):	12 dB/100 m
Attenuation at 20 °C (f = 860 MHz):	17 dB/100 m
Attenuation at 20 °C (f = 1000 MHz):	18,5 dB/100 m
Attenuation at 20 °C (f = 2150 MHz):	29,4 dB/100 m
Attenuation at 20 °C (f = 2400 MHz):	31,7 dB/100 m
Return loss 5-470 MHz:	≥ 28 dB
Return loss 470-1000 MHz:	≥ 26 dB
Return loss 1000-2400 MHz:	≥ 22 dB
Screening loss 5-2,400 MHz:	≥ 120 dB
Coupling resistance 5-30 MHz:	< 0,1 mOhm/m
DC resistance:	25,5 Ω/km
Max. tensile force:	300 N
Postal standard:	Underground cable / 1iKx
Permissible ambient temperature:	-20 to +50 °C
Packaging:	500 m
Weight (approx.):	15 kg/100m

Mehr Bilder zu "LCM 96/500m"

