

Order number: 21510025

Open text field 1:

- Impedance: 75  $\Omega$
- With metre marking
- Compliant with: EN 50117/screening class A++
- Approved by KDG/Vodafone Kabel Deutschland
- Screening attenuation typical 130 dB
- Construction product regulation EU 305/2011 (EN 50575) Fire class: Eca
- Lead free, without silicone, UV-resistant
- For in-house installation
- dibkom certified material
- Suitable connectors: EMK 01, EMK 02, EMK 11, EMK 12, EMK 20, EMK 21, EMK 61, EMK 63, EMK 64



Hersteller: Kathrein

**LCD 111 A+/100m****Product information "LCD 111 A+/100m"**

Coaxial cable, Eca, 100 m one-way reel - 6.8 mm - White PVC - Screening factor typical 130 dB - Class A++ - Metre marking - Construction: 1.13 Cu/4.8 Al/CuSn/Al, bonded foil;

Type:	LCD 111 A+/100m
Order no.:	21510025
Screening class:	A++
Fire classification - Construction Products Regulations 305/2011:	Euro classification Eca
Installation location:	Indoors
Centre conductor:	1,13 Cu mm
Insulation:	4,8 PE mm
Outer conductor:	2 x Triplex Al/pet foil – 1 x CuSn mesh
External sheathing:	6.9 PVC white mm
Bending radius:	> 35 mm
Shortening factor:	0.84
Attenuation at 5 MHz:	1 dB/100 m
Attenuation at 50 MHz:	4.1 dB/100 m
Attenuation at 100 MHz:	5.7 dB/100 m
Attenuation at 450 MHz:	12 dB/100 m
Attenuation at 860 MHz:	17.1 dB/100 m
Attenuation at 1000 MHz:	18.5 dB/100 m
Attenuation at 2150 MHz:	28.4 dB/100 m
Attenuation at 2400 MHz:	29.9 dB/100 m
Return loss 5-470 MHz:	≥ 26 dB
Return loss 470-862 MHz:	≥ 25 dB
Return loss 862-1000 MHz:	≥ 23 dB
Return loss 1000-2150 MHz:	≥ 20 dB
Screening attenuation 30-3000 MHz typical:	130 dB
Coupling resistance 5-30 MHz:	≤ 0,9 mOhm/m
DC resistance:	≤ 29 $\Omega$ /km
Maximum allowed tensile force:	150 N
Permissible ambient temperature:	-25 to +70 °C
Packaging:	Disposable spool 100 m, Outer box 5 x 100 m
Weight:	5,1 kg/100 m

