

WISI MK 91 0500

Coaxial cable 110 dB, Ø 6,4 mm, Length 500 m, PVC white, on plastic drum



Description

The MK 91 0500 is a 75 Ohm coaxial cable for the in-house installation. The triple shielding with a screening efficiency of >110 dB guarantees an interference free transmission in distribution systems for cable TV, terrestrial and satellite signals. The inner conductor consists of pure copper enabling perfect electrical values and a high reliability. With the fire protection class Eca, the MK 91 complies with the Construction Products Regulation (CPR) EU No. 305/2011. The PVC outer sheath is installation friendly and compatible with the WISI connector system as well as commercially available connection accessories.

At a glance:

- Exceeds Class A (EN 50117-2-4)
- Screening efficiency > 110 dB
- Triple shielded, bonded outer foil enables easy connector assembly
- Fulfills fire protection class Eca (EN 50575)
- Length indication at the outer sheath
- RoHS compliant
- Ageing resistance, gas foamed dielectric
- Easy mounting with WISI connector systems (DV 15, DV 15N, DV 55, DV 85)

Technical data	
General data	
Installation	Indoor installation
Screening factor	Class A, according to EN 50117-2-4
Color	White
Length	500 m
Reaction to fire	
Construction	
Screening construction	3-way
Inner conductor	Ø 1,02 mm (Cu)
Insulation	Ø 4,7 mm (Foam PE, gas injected)
Outer conductor 1. Foil	Ø 4,85 mm (Al-Pet bonded)
Outer conductor 2. Braid	≥38 % (CuSn)
Outer conductor 3. Foil	Aluminium
Sheath	Ø 6,5 mm (PVC, white)
Electrical data	
Impedance	75 Ω
Velocity ratio	0,85
DC resistance inner conductor	22,5 Ω/km
DC resistance outer conductor	18 Ω/km
Rated current	8 A
Attenuation 5 MHz	1,42 dB (100 m)
Attenuation 50 MHz	4,15 dB (100 m)
Attenuation 100 MHz	5,98 dB (100 m)
Attenuation 400 MHz	12,20 dB (100 m)
Attenuation 860 MHz	18,22 dB (100 m)
Attenuation 1000 MHz	19,80 dB (100 m)
Attenuation 1400 MHz	23,70 dB (100 m)
Attenuation 2000 MHz	28,78 dB (100 m)
Attenuation 2400 MHz	31,86 dB (100 m)
Attenuation 3000 MHz	36,09 dB (100 m)
Return loss 5...470 MHz	>28 dB
Return loss 470...1000 MHz	>26 dB
Return loss 1000...2000 MHz	>20 dB
Return loss 2000...3000 MHz	>18 dB
Coupling resistance 5...30 MHz	≤5 mΩ/m
Screening efficiency 30...1000 MHz	≥100 dB
Screening efficiency 1000...2000 MHz	≥110 dB
Screening efficiency 2000...3000 MHz	≥100 dB
Mechanical Data	
Max. permissible force	120 N
Bending radius single/multiple	35/75 mm
Operating temperature	-15...+65 °C
Application temperature range	-5...+50 °C
Copper weight	>12 kg/km
Total weight	39,7 kg/km

Packaging data	
Sales unit	500 m (plastic drum)
Dimensions (WxHxD) sales unit	400 x 340 x 400 mm
Packaging volume sales unit	54,4 dm ³
Gross weight sales unit	kg
Shipping unit	500 m
Dimensions (WxHxD) shipping unit	400 x 340 x 400 mm
Packaging volume shipping package	54,4 dm ³
Gross weight shipping unit	kg
EAN	4010056753122
Article number	75312
Customs tariff number	8544200000