Product information

WISI MK 76 A 0101

Coaxial cable 115 dB, Ø 5 mm, Length 100 m, PVC white, on plastic drum



KLASSE A CLASS



Description

The MK 76 A 0101 is a 75 Ohm coaxial cable for the in-house installation. Due to the small diameter of 5 mm, it is perfectly suited for the laying in ductwork or installations with limited space. The triple shielding with a screening efficiency of >115 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 76 A 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:

- Screening class A+ (EN 50117-2-4)
- Screening efficiency > 115 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 installation with WISI connector system (DV 10, DV 10N, DV 50, DV 90)

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WISI MK 76 A 0101

Technical data	
General data	
Installation	Indoor installation
Screening factor	Class A+, according to EN 50117-2-4
Color	White
Length	100 m
Reaction to fire	Eca, according to BauPVO (EN 50575)
Construction	
Screening construction	3-way
Inner conductor	Ø 0,80 mm
Insulation	Ø 3,55 mm (Foam PE, gas injected)
Outer conductor 1. Foil	Ø 3,65 mm (Cu)
Outer conductor 2. Braid	58 % (optical coating, tinned copper)
Outer conductor 3. Foil	Aluminium
Sheath	Ø 5,0 mm (PVC, white)
Electrical data	
Impedance	75 Ω
Velocity ratio	0,85
DC resistance inner conductor	35,5 Ω/km
DC resistance outer conductor	16 Ω/km
Rated current	5 A
Attenuation 5 MHz	1,9 dB (100 m)
Attenuation 50 MHz	5,7 dB (100 m)
Attentuation 100 MHz	8,1 dB (100 m)
Attentuation 400 MHz	16,5 dB (100 m)
Attentuation 860 MHz	24,7 dB (100 m)
Attenuation 1000 MHz	26,7 dB (100 m)
Attentuation 1400 MHz	31,9 dB (100 m)
Attentuation 2000 MHz	38,6 dB (100 m)
Attentuation 2400 MHz	42,7 dB (100 m)
Attentuation 3000 MHz	48,2 dB (100 m)
Return loss 5...470 MHz	>26 dB
Return loss 470...1000 MHz	>26 dB
Return loss 1000...2000 MHz	>23 dB
Return loss 2000...3000 MHz	>18 dB
Coupling resistance 5...30 MHz	≤1,4 mΩ/m
Screening efficiency 30...1000 MHz	≥115 dB
Screening efficiency 1000...2000 MHz	≥115 dB
Screeining efficiency 2000...3000 MHz	≥110 dB
Mechanical Data	
Max. permissible force	90 N
Bending radius single/multiple	25/50 mm
Operating temperature	-15...+65 °C
Application temperature range	-5...+50 °C
Copper weight	10,6 kg/km
Total weight	27,92 kg/km

Packaging data	
Sales unit	100 m (plastic drum)
Dimensions (WxHxD) sales unit	mm
Packaging volume sales unit	dm³
Gross weight sales unit	kg
Shipping unit	500 m (5 x 100 m)
Dimensions (WxHxD) shipping unit	290 x 675 x 280 mm
Packaging volume shipping package	54,81 dm³
Gross weight shipping unit	kg
EAN	4010056754037
Article number	75403
Customs tariff number	85442000