

WISI MK 99 S 0102

Coaxial cable 100 dB, Ø 6,5 mm, Length 100 m, PE black, on plastic drum



Description

The MK 99 S 0102 is a 75 Ohm coaxial cable with a pure inner conductor for the outdoor installation. The UV stable PE outer sheath enables a long life span, even at direct sunlight. The high-quality materials and the triple shielding, with a screening efficiency of >100 dB, guarantees an interference free transmission. The MK 99 S is ideal for the use in SAT-IF and terrestrial distribution systems, where the point of reception is out of the building. With the fire protection class Fca, the MK 99 S complies with the Construction Products Regulation (CPR) EU No. 305/2011. The PE outer sheath is installation friendly and compatible with the WISI connector system (DV 55) as well as commercially available connection accessories.

At a glance:

- Screening class A (EN 50117-2-4)
- Screening efficiency >100 dB
- UV-resistant PE outer jacket for outdoor installation
- Triple shielded
- Fulfills fire protection class Fca (EN 50575)
- Length indication at the outer sheath
- RoHS compliant
- Aging resistance, gas foamed dielectric
- Easy mounting with WISI connector systems (DV55)

Technical data	
General data	
Installation	Outdoor installation
Screening factor	Class A, according to EN 50117-2-4
Color	black
Length	100 m
Reaction to fire	Fca, according to BauPVO (EN 50117)
Construction	
Screening construction	3-way
Inner conductor	Ø 1,02 mm (Cu)
Insulation	Ø 4,8 mm (Foam PE, gas injected)
Outer conductor 1. Foil	Ø 4,85 mm (AL/PET/AL)
Outer conductor 2. Braid	44 %
Outer conductor 3. Foil	AL/PET
Sheath	Ø 6,5 mm (PE, black)
Electrical data	
Impedance	75 Ω
Velocity ratio	0.84
DC resistance inner conductor	<21,5 Ω/km
DC resistance outer conductor	<32 Ω/km
Rated current	8 A
Attenuation 5 MHz	1.6 dB (100 m)
Attenuation 50 MHz	4.1 dB (100 m)
Attenuation 100 MHz	5.9 dB (100 m)
Attenuation 400 MHz	12 dB (100 m)
Attenuation 860 MHz	17.8 dB (100 m)
Attenuation 1000 MHz	19.4 dB (100 m)
Attenuation 1400 MHz	23.2 dB (100 m)
Attenuation 2000 MHz	28.2 dB (100 m)
Attenuation 2400 MHz	31.2 dB (100 m)
Attenuation 3000 MHz	34.5 dB (100 m)
Return loss 5...470 MHz	>28 dB
Return loss 470...1000 MHz	>26 dB
Return loss 1000...2000 MHz	>24 dB
Return loss 2000...3000 MHz	>20 dB
Coupling resistance 5...30 MHz	≤5 mΩ/m
Screening efficiency 30...1000 MHz	≥100 dB
Screening efficiency 1000...2000 MHz	≥90 dB
Screening efficiency 2000...3000 MHz	≥90 dB
Mechanical Data	
Max. permissible force	<120 N
Bending radius single/multiple	35/75 mm
Operating temperature	-20...+70 °C
Application temperature range	-10...+60 °C
Total weight	32 kg/km

Packaging data	
Sales unit	100 m (plastic drum)
Dimensions (WxHxD) sales unit	280 x 140 x 140 mm
Packaging volume sales unit	11 dm ³
Gross weight sales unit	0,035 Kg
Shipping unit	(5x100) 500 m
Dimensions (WxHxD) shipping unit	675 x 280 x 290 mm
Packaging volume shipping package	55 dm ³
Gross weight shipping unit	0,035 Kg
EAN	4010056754372
Article number	75437
Customs tariff number	85442000