

# WISI MK 15 0500

Coaxial cable for wet rooms, Ø 10,3 mm, Length 500 m, PE black, on wood drum



## Description

The MK 15 0500 is a 75 Ohm coaxial cable for the in-house installation in wet rooms or outside installation. The high-quality materials and the triple shielding with a screening efficiency of >125 dB guarantee an interference free transmission in distribution systems for cable TV, terrestrial and satellite signals. The MK 15 is approved by Vodafone Kabel Deutschland and perfect for the installation in return path capable multimedia networks. The inner conductor consists of pure copper enabling perfect electrical values and a high reliability. With the fire protection class Fca, the MK 15 complies with the Construction Products Regulation (CPR) EU No. 305/2011. The specific PE outer sheath protects the cable against humidity. The cable is compatible with the WISI connector system as well as commercially available connection accessories.

## At a glance:

- Class A++ (EN 50117-2-4)
- Screening efficiency > 125 dB
- Black PE outer sheath for wet rooms
- Triple shielded, bonded outer foil enables easy connector assembly
- Fulfills fire protection class Fca (EN 50575)
- Length indication at the outer sheath
- RoHS compliant
- Ageing resistance, gas foamed dielectric
- Easy mounting with WISI connector systems (DV 14 N, DV 54)
- Approved by Vodafone Kabel Deutschland

Technical data	
<b>General data</b>	
Installation	wet room
Screening factor	Class A++, according to EN 50117-2-3
Color	black
Length	500 m
Reaction to fire	Fca, according to BauPVO (EN 50117)
<b>Construction</b>	
Screening construction	3-way
Inner conductor	Ø 1,63 mm (Cu)
Insulation	Ø 7,2 mm (Foam PE, gas injected)
Outer conductor 1. Foil	Ø 7,3 mm (Al-Pet bonded)
Outer conductor 2. Braid	65 % (optical coating, tinned copper)
Outer conductor 3. Foil	Aluminium
Sheath	Ø 10,3 mm (PE black)
<b>Electrical data</b>	
Impedance	75 Ω
Velocity ratio	0,84
DC resistance inner conductor	8,5 Ω/km
DC resistance outer conductor	7,5 Ω/km
Rated current	16 A
Attenuation 5 MHz	0,9 dB (100 m)
Attenuation 50 MHz	2,8 dB (100 m)
Attenuation 100 MHz	3,9 dB (100 m)
Attenuation 400 MHz	8,2 dB (100 m)
Attenuation 860 MHz	12,3 dB (100 m)
Attenuation 1000 MHz	13,1 dB (100 m)
Attenuation 1400 MHz	15,7 dB (100 m)
Attenuation 2000 MHz	19,5 dB (100 m)
Attenuation 2400 MHz	21,6 dB (100 m)
Attenuation 3000 MHz	23,8 dB (100 m)
Return loss 5...470 MHz	> 30 dB
Return loss 470...1000 MHz	> 28 dB
Return loss 1000...2000 MHz	> 25 dB
Return loss 2000...3000 MHz	> 23 dB
Coupling resistance 5...30 MHz	≤ 1,4 mΩ/m
Screening efficiency 30...1000 MHz	≥ 125 dB
Screening efficiency 1000...2000 MHz	≥ 125 dB
Screening efficiency 2000...3000 MHz	≥ 110 dB
<b>Mechanical Data</b>	
Max. permissible force	250 N
Bending radius single/multiple	100/200 mm
Operating temperature	-30...+60 °C
Application temperature range	-5...+50 °C
Copper weight	ca. 35,5 kg/km
Total weight	ca. 76 kg/km

Packaging data	
Sales unit	500 m (plastic drum)
Dimensions (WxHxD) sales unit	600 x 600 x 360 mm
Packaging volume sales unit	129,6 dm <sup>3</sup>
Gross weight sales unit	0.08 kg
Shipping unit	500 m
Dimensions (WxHxD) shipping unit	600 x 360 x 600 mm
Packaging volume shipping package	129,6 dm <sup>3</sup>
Gross weight shipping unit	kg
EAN	4010056754396
Article number	75439
Customs tariff number	85442000