Product information

WISI DS 49 U 0300

connecting cable IEC-male / F-Quick angled, 3 m

Description

IP-based TV and media services require high quality and reliable professional cable solutions. The highly shielded pre-assembled broadband coaxial cable DS 49 U with 1 IEC male and 1 angled F-Quick male combines Class A++ (EN 50117) screening with the highest mechanical and technical characteristics for easy and efficient installation in multimedia networks. This powerful Class A++ cable protects data streams perfectly against external sources such as 4G or LTE radio equipment. With a diameter of just 5mm and a bending radius of 30 mm it allows for easy handling by any installer. The cable has a tensile strength of more than 130 N and is further more equipped with Beryllium Copper connections making it extremely robust with superb line properties. Available in lengths of 1.5/3.0/5.0 meters.

At a glance:

- Class A++ > 105 dB (30...1006 MHz)
- Frequency range 5...2400 MHz
- Pre-assembled with 1 IEC male and 1 angled F-Quick male
- Length: 3 meter
- Bending radius: 30 mm
- Tensile strength > 130 N
- UPC certified

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WISI DS 49 U 0300

Technical data	
Mechanical Data	
Length	3,0 m
Bend protection	Shrink tube
Breaking stress	>130 N Cable / connector
Bending radius	30 mm
Outer jacket material	PVC black
Outer jacket diameter	Ø 5,00 mm (±0,1 mm)
Cable construction	
Inner conductor material	Cu-core
Inner conductor diameter	Ø 0,8 mm (±0,02 mm)
Dielectric	PE
Dielectricum diameter	Ø 3,55 mm (±0,05 mm)
Outer conductor 1	AL/Pet bonded
Outer conductor 2	Braid TCCA 24 x 4 x 0,12 (75% coverage)
Outer conductor 3	AL/Pet
Labeling	
Character height	3 mm White
Text	(DS49U 0300 105dB WISI YYY,WW)
F-quick connector angled	(IEC 61169-47)
F-quick-male outer conductor	Brass, Plating white bronze. Color code: red ring
F-quick-male inner conductor	Brass, (Plating gold)
Pull off / push on force F-quick	≥40 N
IEC male	(IEC 61169-2)
IEC-male outer conductor	Brass, plating white bronze. Color code: blue ring
IEC-male inner conductor	Brass, (plating white bronze)
Pull off / push on force IEC	N
Electrical data	
Frequency range	5...2400 MHz
Insertion loss at 1006 MHz	<0,9 dB
Insertion loss at 2400 MHz	<1,3 dB
Return loss 5...12 MHz	>25 dB
Return loss 12...300 MHz	>25 dB
Return loss 300...470 MHz	>23 dB
Return loss 470...1006 MHz	>18 dB
Return loss 1006...1700 MHz	>15 dB
Return loss 1700...2400 MHz	>12 dB
Transfer impedance 5...12 MHz	≤2,5 mΩ/m
Transfer impedance 12...30 MHz	≤0,9 mΩ/m
Screen attenuation 30...1006 MHz	>105 dB
Screen attenuation 1006...2000 MHz	>95 dB
Screen attenuation 2000...2400 MHz	>85 dB
Screen class	A++ except 5...12 MHz

Sales unit	1 pcs. (individual plastic bag)
Dimensions (WxHxD) sales unit	20x30 mm
Packaging volume sales unit	dm³
Gross weight sales unit	kg

Packaging data	
Shipping unit	250 pcs. (carton)
Dimensions (WxHxD) shipping unit	45x42x30 mm
Packaging volume shipping package	dm³
Gross weight shipping unit	kg
EAN	4010056741952
Article number	74195
Customs tariff number	85444210