

WISI DS 49 U 0150

connecting cable IEC-male / F-Quick angled, 1,5 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 1,5 meter
- Bending radius: 30 mm
- Tensile strength > 130 N
- UPC certified

Technical data

Mechanical Data

| | |
|-----------------------|--------------------------|
| Length | 1,5 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

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|--------------------------|---|
| Inner conductor material | Cu-core |
| Inner conductor diameter | Ø 0,8 mm (±0,02 mm) |
| Dielectric | PE |
| Dielectric 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

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|------------------|-----------------------------------|
| Character height | 3 mm White |
| Text | (DS49U 0150 105dB WISI YYY,WW) |

F-quick connector angled

| | |
|----------------------------------|---|
| 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-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 |

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|-------------------------------|---------------------------------|
| Sales unit | 1 pcs. (individual plastic bag) |
| Dimensions (WxHxD) sales unit | 20x30 mm |
| Packaging volume sales unit | dm ³ |
| Gross weight sales unit | kg |

Packaging data

| | |
|-----------------------------------|-------------------|
| Shipping unit | 250 pcs. (carton) |
| Dimensions (WxHxD) shipping unit | 45x42x30 mm |
| Packaging volume shipping package | dm ³ |
| Gross weight shipping unit | kg |
| EAN | 4010056739485 |
| Article number | 73948 |
| Customs tariff number | 85444210 |