

# WISI DS 37 U 0300

connecting cable IEC-female / IEC-male, 3 m



■ KLASSE  
**A**  
■ CLASS



## Description

IP-based TV and media services require high quality and reliable professional cable solutions. The highly shielded pre-assembled broadband coaxial cable DS 37 U with 1 IEC female and 1 IEC 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 1.5/2.5/3.0/5.0 meters.

## At a glance:

- Class A++ > 105 dB (30...1006 MHz)
- Frequency range 5...2400 MHz
- Pre-assembled with 1 IEC female and 1 IEC male
- length 3,0 meter
- Bending radius: 30mm
- Tensile strength > 130 N
- Unitymedia certified

### WISI Communications GmbH & Co. KG

Wilhelm-Sihn-Str. 5-7  
75223 Niefern - Oeschelbronn, Germany

Phone: +49 7233 66-280, Fax: -350  
E-Mail: [export@wisi.de](mailto:export@wisi.de)

Technical Modifications reserved. WISI cannot be held liable for any printing error. 7. Juni 2016, 3:05 nachm.

## Technical data

### Mechanical Data

Length	3,0 m
Bend protection	Shrink tube
Breaking stress	>130 N Cable / connector
Bending radius single / multiple	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
Dielectric diameter	Ø 3,55 mm (±0,05 mm)
Outer conductor 1	AL/Pet bonded
Outer conductor 2	Braid TCCA 24x4x0,12 (75% coverage)
Outer conductor 3	AL/Pet

### Labeling

Character height	3 mm White
Text	(DS37U 0300 105dB WISI YYY,WW)

### IEC connector

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	≥40 N
IEC-female outer conductor	Brass, plating white bronze. Color code: green ring
IEC-female inner conductor	Brass, (plating white bronze)

### Electrical data

Frequency range	5...2400 MHz
Insertion loss at 1006 MHz	<1,8 dB
Insertion loss at 2400 MHz	<2,7 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...300 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

## Packaging data

Sales unit	1 pcs. (individual plastic bag)
Dimensions (WxHxD) sales unit	20x30 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	0.090 kg

## Packaging data

Shipping unit	150 pcs. (carton)
Dimensions (WxHxD) shipping unit	45x42x30 mm
Packaging volume shipping package	dm <sup>3</sup>
Gross weight shipping unit	kg
EAN	4010056733797
Article number	73379
Customs tariff number	85444210