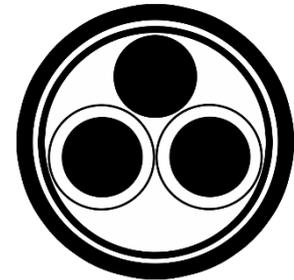


YT-1S-K (BE5051705)

Analog & AES/EBU Digital Audio Cable



Applications

AES/EBU Digital Audio Cable
Analog microphone and balanced line signal cable
Suitable for terminal blocks
For soldering XLR connectors
DMX 512 light control
For fixed installation

General Description

0.51 mm solid tinned copper conductor, foam polyethylene insulation, pair individually shielded with aluminum-polyester foil with drain wire and halogen free compound sheath.

Construction & Dimensions

1. Inner conductor

Material	Tinned copper
Cross section	0.20 mm ²
Composition	1 x 0.51 mm

2. Insulation

Material	Foam polyethylene
Diameter	1.22 mm
Color pairs	1 white/blue

3. Drain wire

Material	Tinned copper
Cross section	0.20 mm ²
Composition	1 x 0.51 mm

4. Twisted

Method	2 conductors Each minimum 24 mm (41.6 turns/meter)
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5. Shield

Material	Aluminum-polyester foil
Coverage	100 %

6. Sheath

Material	Halogen free compound
Diameter	3.2 mm
ID and Color	Black numbers on grey sheath RAL 7000

7. Printing

Texting

YT 1 SK HOLMEFJORD BY BELDEN BE50517 1X2 STP FRNC/LSNH Dca-s2,d2,a1 WWYY
 + metermarkering

Black letters and numbers:
 WW = Week of production
 YY = Year of production

Mechanical characteristics

Parameter	Specification	Unit
Temperature range operating	-15 to +80	°C
Temperature range installation	-5 to +80	°C
Minimum bending radius	15 x Ø	

Electrical characteristics

Parameter	Specification	Unit
Nominal DC resistance conductor @ 20° C	92	Ω/Km
Nominal DC resistance drain wire @ 20° C	92	Ω/Km
Insulation resistance	> 500	MΩ/Km
Nominal impedance (0.3 - 1 MHz)	110 (±15%)	Ω
Nominal capacitance	45 (±15%)	pF/m
Unbalance capacitance	< 3	%
Minimum crosstalk at 16KHz (Z=110 Ω)	90	dB
Nominal attenuation @ 0.3 MHz	9.0	dB/500m
Nominal attenuation @ 1.0 MHz	21.0	dB/500m
Nominal attenuation @ 10 MHz	30.0	dB/500m
Nominal attenuation @ 20 MHz	36.0	dB/500m
Test Voltage	500	V
Work Voltage	500	V

Applicable Standards & Environmental Programs

Specification	Status
Flame Retardant according to IEC 600332-1	Pass
Halogen Free according to IEC 60754-1	Pass
EU Directive 2011/65/EU (ROHS II)	Yes
EU CE Mark	Yes
CPR Class	Dca, s2d2a1
DoP number xxxxxxxxx (TBA)	Yes