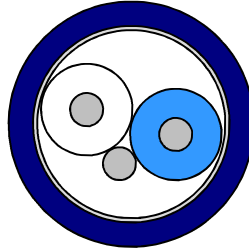


AC10 S 26/1 1P acc. to AES/EBU

Audio Cable



Application

Audio cable are used in professional broadcasting systems for the transmission of analogue and digital audio signals.

Standards

acc. to AES/EBU-Recommendation

Flame resistance

VDE 0472 part 804 class B and IEC 60332-1

Construction

Conductor	solid copper wire, tinned, diameter 0.40 mm (AWG26/1) (cross section 0.14 mm ²)
Insulation	Foam-skin-PE, diameter 1.1 mm
Pair stranding	two cores twisted to the pair, diameter 2.2 mm
Pair identification	a - core: white, b - core: blue
Screen	Al-PET-foil solid copper drain wire, tinned, diameter 2.3 mm
Sheath	PVC or FRNC blue RAL 5013
Printing	PVC: DRAKA COMTEQ - AC10 S 26/1 1P AES/EBU - 110 Ω + meter marking + batch number FRNC: DRAKA COMTEQ - AC10 S 26/1 1P FRNC AES/EBU - 110 Ω + meter marking + batch number

Mechanical properties

Minimum bending radius	without load	4 x D (D= outer diameter)
	with load	8 x D (D= outer diameter)
Temperature range	during operation	- 30° C to + 70° C

AC10 S 26/1 1P acc. to AES/EBU

Electrical properties

at 20°C

Loop resistance	at 20°C ± 5 °C	≤ 288 Ω/km
Insulation resistance	at 20°C ± 5 °C und 500 V	≥ 2000 MΩxkm
Mutual capacitance	at 800 Hz	≤ 45 nF/km
Relative Velocity ratio		ca. 78 %
Test voltage	core/core	1000 V _{DC} 1 min
	core/screen	1000 V _{DC} 1 min
Characteristic impedance	6 MHz	110 Ω ± 10%

Electrical data

at 20°C

Frequency (MHz)	Attenuation (dB/100m)
1.0	4.0
4.0	6.8
10.0	10.0
20.0	13.9

Technical data

Product code	Designation	Type	Brand name	Outer diameter mm	Weight kg/km	Standard delivery length m	Drum size PWD/CBS	Gross weight kg	Copper content	Tensile force N
CT29559..	J-02YS(St)Y	1x2x0.40	AC10 S 26/1 1P	3.0	10	1000/200	370/180/200	12/2.5	3.7	20
1002118 CT7650200	J-02YS(ST)H	1x2x0.40	AC10 S 26/1 1P	3.0	10	1000/200	370/180/200	12/2.5	3.7	20

PWD (plywood drum)
 CBS (cardboard spool)

[PRODUCT CODE TABLE]

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All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result.

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