



Sentinel high end AES/EBU multicore n x 2 x 0.57 mm - solid conductor - FRNC

- 0.26 mm² conductor cross section (AWG 23/1)
- double overall shield (foil and braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca acc. to EN50575
- ¹ SHD01: PETP foil
- ² SHD01: stranded tinned copper, 80% coverage
- ³ SHD01: flame retardant according to IEC 60332-1

FRNC

Eca

1-12 pairs

A non-halogenic, flame retardant Digital-AES/EBU installation cable with solid conductors, foil shielded pairs with a solid drain wire above and pair jackets. Security against electromagnetic interferences is achieved by an additional AL foil beneath the overall braid screen.

design

cond. construction	solid bare copper, Ø 0.57 mm (AWG23/1)
cond. cross section	0.26 mm ²
insulation	Foam-Skin PE, white & blue
pair shielding	solid tinned copper drain wire, 1 x 0.4 mm + AL/PETP foil
pair jacket ¹	LSZH (low smoke zero halogen) numbered, grey
overall shield ²	AL/PET foil + tinned copper braid (80% coverage)
outer jacket	FRNC

mechanics

min. bending radius	12x overall diameter
working temperature	-30°C / +70°C
flame retardant ³	acc. to IEC 60332-3 / C
halogen-free	acc. to IEC 60754-1

electric

conductor resistance	70 Ω/km
capacitance	
cond./cond.	45 pF/m
characteristic impedance	110 Ω
nom. attenuation [dB/100m]	
1 MHz	2.4
4 MHz	4.1
10 MHz	6.2
20 MHz	8.4
crosstalk attenuation	
15 kHz	85 dB
10 MHz	90 dB
insulation resistance	> 20 GΩ x km
test voltage	
cond./cond.	700 V
cond./shield	500 V

order code	no. of pairs	outer Ø mm	heat of combustion kWh/km	cable color	weight kg/m
SHD01	1	4.8	80	grey	0.03
SHD02	2	9.0	250	grey	0.1
SHD04	4	11.1	400	grey	0.16
SHD05**	5	11.8	437	grey	0.17
SHD08	8	14.0	550	grey	0.25
SHD10**	10	15.5	655	grey	0.27
SHD12	12	17.2	920	grey	0.32

**sale - available while stocks last

technical specifications are subject to change