



**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

sale **FRNC** **3-10 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.

construction

cond. construction solid bare copper, Ø 0.57 mm (AWG23/1)
 cond. cross section 0.26 mm²
 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
 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
SHD05	6	11.8	437	grey	0.17
SHD10	10	15.5	655	grey	0.27

technical specifications are subject to change