



AES/EBU MULTICORE LSZH



DIGILINE 110 Ω

✓STUDIO ✓INSTALLATION ✓STAGE

HFFR OFC DIGITAL

APPLICATION

Digiline 110 Ω AES/EBU digital audio cables are designed with flexibility and handy configuration. Many variations are available from regular application type up to long distance application types, from single core up to 24-core types, internal wiring type, and interconnect application types. These types of audio cables have low smoke density, halogen free and they don't emit poisonous gases.

CONSTRUCTION DATA

Core Numbers x Section:	2 x 0,22 mm ² (AWG 24)
Stranded Copper Conductor	7 x 0,20 mm ø Tinned Copper
Conductor Insulation	1,40 ± 0,05 mm ø Foam Pe
Conductor Color Code	Blue / Red
Stranded Drain Wire	7 x 0,20 mm ø Tinned Copper
Pair Shielding	Al / Pes - Foil
Shielding Factor	100%
Pair Jacket	3,2 mm ø HFFR Compound
Overall Shielding	Al / Pes - Foil + 7 x 0,20 Drain wire
Outer Jacket	HFFR Compound, Purple

Description	No. of Channels	No. of Conductors	Ov. Dia. (App.mm)	Weight (kg/100m)
Digiline 4	4-ch	4 x 2 x 0,22 mm ²	9,7 mm	10 kg
Digiline 8	8-ch	8 x 2 x 0,22 mm ²	14 mm	21 kg
Digiline 12	12-ch	12 x 2 x 0,22 mm ²	16 mm	26 kg
Digiline 16	16-ch	16 x 2 x 0,22 mm ²	18 mm	36 kg
Digiline 24	24-ch	24 x 2 x 0,22 mm ²	21 mm	51 kg

ELECTRICAL DATA

Conductor Resistance	< 80 Ω / km
Shield Resistance	< 75 Ω / km
Insulation Resistance	> 2000 MΩ x km

Attenuation (Approx)

0,3 MHz	1,9 db / 100 m
1,0 MHz	4,0 db / 100 m
3,0 MHz	7,8 db / 100 m
10 MHz	11,2 db / 100 m
Capacitance	
core/core	45 pF / m
core/screen	120 pF / m
Nominal Impedance	1 KHz 110±10% Ω /100 m

MECHANICAL DATA

Minimum bending radius	12 x D (D= outer diameter)
Temperature range	-30° C to + 70° C

 PURPLE

