



## AES/EBU MULTICORE



**DIGILINE 110 Ω** ✓MOBILE ✓STUDIO ✓INSTALLATION ✓STAGE

sPVC OFC DIGITAL

### APPLICATION

Digiline 110Ω 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.

### CONSTRUCTION DATA

Core Numbers x Section:	2 x 0,22 mm <sup>2</sup> (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 Pvc
Overall Shielding	Al / Pes - Foil + 7 x 0,20 Drain wire
Outer Jacket	sPvc Matt ,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 <sup>2</sup>	9,7 mm	10 kg
Digiline 8	8-ch	8 x 2 x 0,22 mm <sup>2</sup>	14 mm	21 kg
Digiline 12	12-ch	12 x 2 x 0,22 mm <sup>2</sup>	16 mm	26 kg
Digiline 16	16-ch	16 x 2 x 0,22 mm <sup>2</sup>	18 mm	36 kg
Digiline 24	24-ch	24 x 2 x 0,22 mm <sup>2</sup>	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	
Mobile installation	- 5° C to + 70° C
Fixed installation	-30° C to + 70° C

 PURPLE

