

**OmniTRANS low loss AES/EBU (DMX) installation cable****2 x 0.34 mm² - FRNC**

- 0.34 mm² conductor cross section (AWG 22)
- 110 Ohm characteristic impedance
- double shielded (AL/PET foil + braid)
- flame retardant and non corrosive (FRNC)
- CPR class Eca acc. to EN50575

FRNC

Eca

This stable and ultra-rugged cable is at home in installations. Its large conductor cross-section of 0.34 mm² contributes to its extra-low signal attenuation, making it ideal for smooth long-distance transmission of analogue and digital audio signals and DMX control signals. The cable features dual shielding, with an Al-PET foil and an extra-densely braided copper shield with 85-percent screening. The outer FRNC jacket is halogen-free and flame-retardant.

construction

cond. construction	stranded tinned copper, 7 x 0.25 mm
cond. cross section	0.34 mm ²
insulation	Foam-Skin PE
shielding	AL/PET foil + tinned stranded drain wire + tinned copper braid (coverage 85%)
outer jacket	FRNC
overall diameter	5.8 mm

mechanics

min. bending radius	35 mm
working temperature	-30°C / +70°C
flame retardancy	acc. to IEC 60332-1
halogen-free	acc. to IEC 60754-2

electric

conductor resistance	< 55 Ω/km
capacitance	
cond./cond.	44 pF/m
characteristic impedance	110 Ω
attenuation [dB/100m]	
1 MHz	1.8
3 MHz	3.2
10 MHz	5.4
insulation resistance	> 10 GΩ x km
test voltage	
cond./cond.	1200 V
cond./shield	500 V

order code	outer jacket	outer Ø mm	cable color	weight kg/m	standard lengths m
OT234H	FRNC	5.8	black	0.04	50 / 100 / 200 / 300 / 500

technical specifications are subject to change