



AES/ EBU digital wiring cable

- 0.14 mm² conductor cross section
- AL foil shield
- just 3.2 mm outer diameter
- flame retardant and non corrosive (FRNC)
- CPR class Eca

FRNC

Eca

This versatile cable can be used for a range of applications thanks to its low outer diameter of 3.2 mm and option of two different outer jacket types. The version with PVC outer jacket can be used as cabling for 19 racks, stage boxes and DMX systems; however, the OTW203 is also available with a halogen-free and flame-retardant FRNC outer jacket for installations. In both these areas, the OTW203 transmits digital - and naturally also analogue - signals as efficiently as control signals for DMX and other systems.

construction

cond. construction	tinned copper braid, 7 x 0.16 mm
cond. cross section	0.14 mm ²
insulation	Foam-Skin PE
shielding	stranded tinned copper drain wire + AL/PET foil
outer jacket	FRNC
overall diameter	3.2 mm

mechanics

min. bending radius	20 mm
working temperature	-30°C / +70°C
flame retardancy	acc. to IEC 60332-1
halogen-free	acc. to IEC 60754-2

electric

conductor resistance	< 135 Ω/km
capacitance	
cond./cond.	44 pF/m
characteristic impedance	110 Ω
attenuation [dB/100m]	
1 MHz	3.3
3 MHz	5.3
10 MHz	8.4
insulation resistance	> 10 GΩ x km
test voltage	
cond./cond.	1200 V
cond./shield	500 V

order code	colour	weight kg	standard lengths m
OTW203H	black	0,015	50 / 100 / 200 / 500

technical specifications are subject to change