



Omnistar AES/EBU multicore n x 2 x 0.15 mm² - PUR

- 0.15 mm² conductor cross section (AWG 26)
- extra fine stranded conductors (19 x 0.10 mm)
- tinned copper spiral pair shields
- pair jackets from cold-flex PVC
- very dense overall copper braid
- PUR overall jacket

PUR

This AES/EBU multicore cable is suitable for both analogue and digital signal transmission. Designed for mobile broadcast units, outdoor and stage use, it has paired jackets from cold-flex PVC which allow use at very low temperatures. Electrical specifications such as capacitance and attenuation are outstanding. The twisted pairs have spiral shielding, which combines with the overall braided shield to provide optimum protection against external interference. With extra-tearproof PUR-a-Flex outer jacket, designed for high flexibility at low temperatures, the OS15CP... is ideal for mobile use, even in the harshest open-air conditions.

construction

cond. construction	stranded tinned copper, 19 x 0.10 mm (AWG26/19)
cond. cross section	0.15 mm ²
insulation	Foam-Skin PE, KLOTZ multicore colour code
pair shielding	tinned copper shield
pair jacket	PVC, cold-flex, sapphire blue, numbered
overall shield	tinned copper braid, >85% coverage
outer jacket	PUR

mechanics

min. bending radius	8x overall diameter
working temperature	-40°C / +70°C
halogen-free	acc. to IEC 60754-1

electric

conductor resistance	< 125 Ω/km
capacitance	
cond./cond.	49 pF/m
characteristic impedance	110 Ω
attenuation [dB/100m]	
1 MHz	2.3
3 MHz	5.1
10 MHz	14.6
crosstalk attenuation	
15 kHz	> 100 dB
10 MHz	> 50 dB
insulation resistance	> 10 GΩ x km
test voltage	
cond./cond.	1200 V
cond./shield	500 V

order code	no. of pairs	outer Ø mm	cable color	weight kg/m	standard lengths m
OS15CP08	8	14.0	black	0.24	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300
OS15CP12	12	16.5	black	0.34	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300

technical specifications are subject to change