

**DigiWire AES/EBU studio multicore****n x 2x 0.22 mm² - PVC**

- n x 2x 0.22 mm² (AWG 24)
- foil shielded pairs (PiMF)
- numbered pair jackets

PVC**2-12
pairs**

The DigiWIRE is the digital version of our best-selling PolyWIRE and is suitable for studio and mobile use. An Al-coated foil shield protects the cable from electromagnetic interference; its paired wires with drain wire have numbered PVC paired jackets. The foil shields are bonded to the paired jackets and can be removed with them in a single step. The DigiWIRE multicore can be supplied with two, eight or twelve pairs. The pairs are twisted in layers to ensure the cable structure remains stable even under heavy mechanical stress. The DigiWIRE is enclosed in a stable PVC outer jacket.

design

cond. construction	stranded tinned copper, 7x 0.20 mm
cond. cross section	0.22 mm ²
insulation	foam-skin PE
pair shielding	stranded tinned copper drain wire + AL/PET foil
pair jacket	PVC
cable stranding	n pairs twisted in layers
outer jacket	PVC

mechanical & thermal characteristics

operating temperature	-20°C / +70°C
min. bending radius	
installed	5x overall diameter
mobile use	10x overall diameter
no hazardous substances	acc. to EU directive RoHS 2011/65/EU from 08.06.2011
CE conformity	acc. to EU directive LVD 2014/35/EU
REACH conformity	acc. to REACH regulation 1907/2006
flame retardancy	flame retardant acc. to IEC 60332-1-2

electric

conductor resistance	81 Ω/km
capacitance	
cond. / cond.	46 pF/m
characteristic impedance	110 Ω
nom. attenuation [dB/100m]	
1 MHz	2.3
3 MHz	3.9
10 MHz	6.9
crosstalk attenuation	
15 kHz	> 100 dB
10 MHz	> 60 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
DW02	2	10.3	black	0.1
DW08	8	15.5	black	0.26

technical specifications are subject to change