



✓ installation ✓ halogen free ✓ FRNC ✓ RoHS ✓ REACH ✓ CE

## Digitronic Digiflex

FRNC, triple shielded, PiMF

### Application / Description

For high-quality fixed installations in the professional segment. Highest interference immunity over the range by combination of 2 x AL/PT-foil and a tinned copper braid shield. Fulfills the DMX-512 specifications. Designed for a quick installation with gumption clamping technology (e.g. LSA+).



### Product range

Order-No.	Dimension	Conductor dimension		O.D. approx. mm	weight kg/km	Cu-weight kg/km
		qmm				
<a href="#">930202200</a>	1 x 2 x 0,22 qmm	0,22		5,80	55,0	18,5
<a href="#">930402200</a>	2 x 2 x 0,22 qmm	0,22		8,50	95,0	48,0
<a href="#">930802200</a>	4 x 2 x 0,22 qmm	0,22		10,50	130,0	68,0
<a href="#">931602200</a>	8 x 2 x 0,22 qmm	0,22		13,70	210,0	109,0
<a href="#">932002200</a>	10 x 2 x 0,22 qmm	0,22		15,00	250,0	154,0
<a href="#">932402200</a>	12 x 2 x 0,22 qmm	0,22		17,00	310,0	184,0
<a href="#">933202200</a>	16 x 2 x 0,22 qmm	0,22		18,60	410,0	210,0

### Construction / audio

Conductor	tinned stranded copper wire
Structure of conductor	7 x 0,20 mm
Conductor dimension	0,22 qmm
AWG	24
number of cores	<a href="#">depending on the article</a>
Core insulation	Cell-PE
Core colour sequence	a-Core: white b-Core: yellow
number of pairs	<a href="#">depending on the article</a>
Pre-twisting	2 cores to a pair
Element shield	AL-PT-Foil, drain wire
Element jacket	TPE-E, grey, numbered
Overall shield	AL-Foil, drain-wire + tinned copper braid shield

Outer jacket	FRNC (LSZH)
Outer jacket colour	beige RAL 7032

### Technical characteristics

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Temperature range	static: -40 °C to +70 °C dynamic: -15 °C to +60 °C
Bending radius	> 15 x O.D.
Operating capacity (C/C)	approx. 40 pF/m
Operating capacity (C/S)	approx. 80 pF/m
Characteristic impedance	0,3 Mhz: 110 Ohm ±10% 1,0 Mhz: 110 Ohm ±10% 3,0 Mhz: 105 Ohm ±10% 10,0 Mhz: 100 Ohm ±10%
Attenuation	0,3 Mhz: approx. 1,5 db/100m 1,0 Mhz: approx. 3,5 db/100m 3,0 Mhz: approx. 6,0 db/100m 10,0 Mhz: approx. 9,3 db/100m
Cross-talk attenuation	0,3 Mhz: approx. 85 db/100m 1,0 Mhz: approx. 78 db/100m 3,0 Mhz: approx. 75 db/100m 10,0 Mhz: approx. 70 db/100m
Testing voltage (C/C)	250 V
Testing voltage (C/S)	1.000 V

### Packaging

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#### Rings, Reels

Lower and upper lengths according to availability. Special packaging on request.

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