EnovaNxt

Last edited: 04.05.2026

EnovaNxt microphone cable 2x0.22mm² analog, 3 pin XLR male to female, black metal housing with True Mold Technology

Art. number: **NXT-M1-XLFM-***

GENERAL DATA

Brand:	EnovaNxt
Series:	M1
Cable type:	Microphone analog
Connector type:	XLR male to XLR female
Country of origin:	EU

CABLE CONSTRUCTION

Conductor:	Copper strand bare 28x0,10mm class 5 fine wire
Conductor cross section:	0.22mm² / AWG 24
Core insulation:	PE, Ø 1.3mm +/- 0.10mm
Core colors:	Red, blue

Stranding:	2 cores stranded with textile filler
Screen:	Copper spiral screen bare, opt coverage ≥85%
Outer jacket:	PVC, soft, black matt, 6.4mm +/- 0.20mm

ELECTRICAL CHARACTERISTICS

Conductor resistance:	Max. 85 Ohm/km	
Capacity:	at 1 KHz C/C at 1 KHz C/S	ca. 65 pF/m ca. 115 pF/m
Test voltage:	C/C C/S	1'200 V 800 V

Nominal voltage	50 V
Insulation resistance:	> 1 GOhm/km

MECHANICAL AND THERMAL CHARACTERISTICS

Bending radius:	mobile: ca. 10x outer diameter Installation: ca. 5x outer diameter

Temperature range:	-30°C to +70°C

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STANDARDS

Norms:	Conductors: VDE 0295 Insulation: EN 50290-2-23 Jacket: EN 50363 TM2	UV resistance:	Yes according UL 758
Halogen-free:	no	Flame retardant:	no
RoHS:	2011/65/EU	REACH:	1907/2006

CONNECTIVITY SPEZIFICATIONS

Connector A:	3-pin XLR female	Connector B:	3-pin XLR male
Connection technology:	EnovaNxt True Mold (patented)	Connection technology:	EnovaNxt True Mold (patented)
Shell:	Zinc diecast ZnAl4Cu1 with black chromium 6 plating	Shell:	Zinc diecast ZnAl4Cu1 with black chromium 6 plating
Coding Ring:	TPU, braun, interchangable	Coding Ring:	TPU, braun, interchangable
Contacts:	Bronze CuSn8 with 0.2 µm Au over 2 µm Ni	Contacts:	Bronze CuSn8 with 0.2 µm Au over 2 µm Ni
Strain relief:	PA6, press mandrel	Strain relief:	PA6, press mandrel
Lifetime:	> 1000 mating cycles	Lifetime:	> 1000 mating cycles
Contact resistance:	≤ 3 mΩ	Contact resistance:	≤ 3 mΩ
Dielectric strength:	1,5 kVdc	Dielectric strength:	1,5 kVdc
Insulation resistance:	>10 GΩ (initial)	Insulation resistance:	>10 GΩ (initial)
Rated current per contact:	16 A	Rated current per contact:	16 A
Rated voltage:	<50 V	Rated voltage:	<50 V