

**EnovaNxt microphone cable  
2x0.34mm<sup>2</sup> digital AES/EBU, 3  
pin XLR male to female, black  
metal housing with True Mold  
Technology**

Art. number: **NXT-M2-XLFM-\***



**GENERAL DATA**

Brand:	EnovaNxt
Series:	M2
Cable type:	Microphone digital AES/EBU
Connector type:	XLR male to XLR female
Country of origin:	EU

**CABLE CONSTRUCTION**

Conductor:	Copper fine wire approx. 19 x 0.15mm
Conductor cross section:	0.34mm <sup>2</sup> / AWG 22
Core insulation:	PE
Core colors:	White, red

Stranding:	2 cores stranded into star quad
Screen:	Braided tinned copper shield, opt coverage approx. 95%
Outer jacket:	PVC, soft, black matt, 6.4mm +/- 0.25mm

**ELECTRICAL CHARACTERISTICS**

Conductor resistance:	53 Ohm/km
Impedance:	110 Ohm +/- 15
Capacity:	at 1 KHz A/A <65 pF/m at 1 KHz A/S <245pF/m
Test voltage:	C/C 1'000 V C/S 1'000 V

Insulation resistance:	> 1 GOhm x km
Nominal voltage:	30 V
Insulation resistance:	> 1 GOhm/km

**MECHANICAL AND THERMAL CHARACTERISTICS**

Bending radius:	mobile: ca. 10x outer diameter Installation: ca. 5x outer diameter
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Temperature range:	mobile: -10°C to +70°C Installation: -30°C to +70°C
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## STANDARDS

Norms:	Conductors: VDE 0295 Insulation: EN 50290-2-23 Jacket: EN 50363 TM2
Halogen-free:	no
RoHS:	2011/65/EU

UV resistance:	Yes according UL 758
Flame retardant:	no
REACH:	1907/2006

## CONNECTIVITY SPEZIFICATIONS

Connector A:	3-pin XLR female
Connection technology:	EnovaNxt True Mold (patented)
Shell:	Zinc diecast ZnAl4Cu1 with black chromium 6 plating
Coding Ring:	TPU black, interchangeable
Contacts:	Bronze CuSn8 with 0.2 $\mu\text{m}$ Au over 2 $\mu\text{m}$ Ni
Strain relief:	PA6, press mandrel
Lifetime:	> 1000 mating cycles
Contact resistance:	$\leq 3 \text{ m}\Omega$
Dielectric strength:	1,5 kVdc
Insulation resistance:	>10 G $\Omega$ (initial)
Rated current per contact:	16 A
Rated voltage:	<50 V

Connector B:	3-pin XLR male
Connection technology:	EnovaNxt True Mold (patented)
Shell:	Zinc diecast ZnAl4Cu1 with black chromium 6 plating
Coding Ring:	TPU black, interchangeable
Contacts:	Bronze CuSn8 with 0.2 $\mu\text{m}$ Au over 2 $\mu\text{m}$ Ni
Strain relief:	Press mandrel
Lifetime:	> 1000 mating cycles
Contact resistance:	$\leq 3 \text{ m}\Omega$
Dielectric strength:	1,5 kVdc
Insulation resistance:	>10 G $\Omega$ (initial)
Rated current per contact:	16 A
Rated voltage:	<50 V