

EnovaNxt DMX cable AES/EBU 2x0.34mm², 5 pin XLR male to fe- male, black metal housing with True Mold Technology

 Art. number: **NXT-L1-XLFM5-***


GENERAL DATA

Brand:	EnovaNxt
Series:	L1
Cable type:	DMX AES/EBU
Connector type:	XLR male to XLR female
Country of origin:	EU

CABLE CONSTRUCTION

Conductor:	Copper fine wire approx. 19 x 0.15mm	Stranding:	2 cores stranded into star quad
Conductor cross section:	0.34mm ² / AWG 22	Screen:	Braided tinned copper shield, opt coverage approx. 95%
Core insulation:	PE	Outer jacket:	PVC, soft, black matt, 6.4mm +/- 0.25mm
Core colors:	White, red		

ELECTRICAL CHARACTERISTICS

Conductor resistance:	53 Ohm/km	Insulation resistance:	> 1 GOhm x km
Impedance:	110 Ohm +/- 15	Nominal voltage	30 V
Capacity:	at 1 KHz A/A <65 pF/m at 1 KHz A/S <245pF/m	Insulation resistance:	> 1 GOhm/km
Test voltage:	C/C 1'000 V C/S 1'000 V		

MECHANICAL AND THERMAL CHARACTERISTICS

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

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:	5-pin XLR female
Connection technology:	EnovaNxt True Mold (patented)
Shell:	Zinc diecast ZnAl4Cu1 with black chromium 6 plating
Contacts:	Bronze CuSn8 with 0.2 μm Au over 2 μm Ni
Coding Ring:	TUP black, interchangeable
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 Ω (initial)
Rated current per contact:	7.5 A
Rated voltage:	<50 V

Connector B:	5-pin XLR male
Connection technology:	EnovaNxt True Mold (patented)
Shell:	Zinc diecast ZnAl4Cu1 with black chromium 6 plating
Contacts:	Bronze CuSn8 with 0.2 μm Au over 2 μm Ni
Coding Ring:	TUP black, interchangeable
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 Ω (initial)
Rated current per contact:	16 A
Rated voltage:	<50 V