



NC3MX1-TOP

3 pole male cable connector, TRUE OUTDOOR PROTECTION, gold contacts

The X-TOP series is a "heavy-duty" XLR cable connector for outdoor use. Outdoor protected by mating with related cable/chassis connector of the XLR TOP range (IP65).

Gold contacts are standard.

Features & Benefits

- Heavy duty sealed XLR connector range for harsh and demanding environment
- Outdoor protection according to IP65
- Uses high impact UV resistant materials
- TOP-Approved in consideration of UL50E

Technical Information

Product	
Title	NC3MX1-TOP
Connection Type	XLR
Gender	male

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Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 3 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	16 A
Rated voltage	< 50 V

Mechanical	
Cable O.D.	5.0 - 8.0 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 5000 mating cycles
Wiresize	max. 1.5 mm2
Wiresize	max. 16 AWG
Wiring	Solder contacts
Locking device	Latch lock

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Material	
Bushing	UV-resistant rubber
Contact plating	Gold (Au) over Nickel (Ni)
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA66)
Locking element	Stainless steel
Shell	Stainless steel
Strain relief	Polyacetal

Environmental	
Approvals	UL
Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Protection class	IP65, UL50E enclosure type 4 (mated)
Solderability	Complies with IEC 60068-2-20
Temperature range	-30 °C to +80 °C

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