

NEUTRIK



NC3MX-TOP

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

The X-TOP series is a "heavy duty" XLR cable connector for outdoor use. Outdoor protected by mating with related cable or chassis connector of the XLR TOP range (IP65 and UL50E). Gold contacts are standard.

Features & Benefits

- Heavy duty sealed XLR connector range for harsh and demanding environment
 - Outdoor protection according to IP65 and UL50E (in combination with a TOP range counterpart)
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- Uses high impact UV resistant materials

Technical Information

Product	
Title	NC3MX-TOP
Connection Type	XLR
Gender	male
Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 3 m Ω
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 G Ω (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	> 1000 mating cycles
Wiresize	max. 1.5 mm ²
Wiresize	max. 16 AWG
Wiring	Solder contacts

Locking device	Latch lock
Material	
Bushing	UV-resistant rubber
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Stainless steel
Shell	Stainless steel
Shell plating	Velour Chromium
Strain relief	Polyacetal (POM)
Environmental	
Approvals	UL
Flammability	UL94 V-0
Standard compliance	IEC 61076-2-103
Protection class	IP65, UL50E (mated)
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C