



NC3MX-TOP

DISCONTINUED. SEE 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. IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range

Features & Benefits

- ✓ Heavy duty sealed XLR connector range for harsh and demanding environment
- ✓ IP65 rated and TOP approved in consideration to UL50E by mating with related cable or chassis connector of the XLR TOP range
- ✓ Uses high impact UV resistant materials

Technical Information

Product	
Title	NC3MX-TOP
Connection Type	XLR
Gender	male

Electrical	
Capacitance between contacts	$\leq 4\text{ pF}$
Contact resistance	$\leq 3\text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10\text{ G}\Omega$ (initial)
Rated current per contact	16 A
Rated voltage	$< 50\text{ V}$

Mechanical	
Cable O.D.	5.0 - 8.0 mm
Insertion force	$\leq 20\text{ N}$
Withdrawal force	$\leq 20\text{ N}$
Lifetime	> 5000 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 (PA66)
Locking element	Stainless steel
Shell	Stainless steel
Strain relief	Polyacetal (POM)

Environmental	
Approvals	UL
Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Protection class	IP65
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C

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