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NC3FX-TOP

*** DISCONTINUED ***

Direct replacement / successor: NC3FX1-TOP

3 pole female cable connector, TRUE OUTDOOR PROTECTION (TOP), gold contacts

The X-TOP series is a "heavy-duty" XLR cable connector for outdoor use. IP65 rating and certified outdoor protection to UL 50E 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	NC3FX-TOP
Connection Type	XLR
Gender	female

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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	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Bronze (CuSn8)
Insert	Polyamide (PA66)
Locking element	St3K32 (latch) / Ck 67 (spring)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)
Sealing jacket	UV-resistant rubber

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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