



## NC3FDX-TOP

3 pole female chassis connector, TRUE OUTDOOR PROTECTION (TOP)

The X-TOP series is a "heavy-duty" XLR chassis 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
- Maintains sealing when in use and when disconnected

## **Technical Information**

Product	
Title	NC3FDX-TOP
Connection Type	XLR
Gender	female



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

Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 5000 mating cycles
Wiring	Solder contacts
Locking device	Latch lock
Mounting direction	Front mounting
Chassis shape	D

Material	
Contact plating	0.2 μm Au over 2 μm Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Stainless steel
Gasket	TPE
Shell	Polyamide (PA 6.6 30 % GR)



Environmental	
Flammability	UL94 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