

NEUTRIK



NC3FDX-TOP

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

The X-TOP series is a "heavy-duty" XLR chassis connector for outdoor use. Outdoor protected by mating with related cable 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
 - Maintains sealing when in use and when disconnected
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Technical Information

Product	
Title	NC3FDX-TOP
Connection Type	XLR
Gender	female
Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 5 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	16 A
Rated voltage	< 50 V

Mechanical

Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 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, UL50E
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C