NEUTRIK



NC3FXX-HD-D

Heavy duty female 3 pole XLR cable connector for outdoor use.

Features & Benefits

- Dust and water ingress sealing:
  - IP67 in combination with HD cable connector NC3MXX-HD*
  - IP67 in combination with HD chassis connector NC3MPR-HD
- Rubber sealing jacket protects against water ingress and mechanical shock
- Gold contacts

Technical Information

Product	
Title	NC3FXX-HD-D
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), > 1 GΩ (after damp heat test)
Rated current per contact	16 A
Rated voltage	< 50 V

Mechanical	
Cable O.D.	6.0 - 8.0 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 2.5 mm²
Wiresize	max. 14 AWG
Wiring	Solder contacts
Locking device	Latch lock

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Material	
Boot	Polyurethan
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Bronze (CuSn8)
Insert	Polyamide (PA66)
Locking element	Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)
Sealing jacket	EPDM

Environmental	
Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Solderability	Complies with IEC 60068-2-20
Temperature range	-30 °C to +80 °C

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