



NC5FXX-HD-D

Heavy duty female 5 pole XLR cable connector for outdoor use.

Features & Benefits

- ✓ Dust and water ingress sealing:
 - IP67 in combination with HD cable connector NC5MXX-HD*
 - IP67 in combination with HD chassis connector NC5MPR-HD
- ✓ Rubber sealing jacket protects against water ingress and mechanical shock
- ✓ Gold contacts

Technical Information

Product	
Title	NC5FXX-HD-D
Connection Type	XLR
Gender	female

Electrical

Capacitance between contacts	$\leq 7 \text{ pF}$
Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	1.5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (initial), > 1 (after damp heat test)
Number of electrical contacts	5
Rated current per contact	7.5 A
Rated voltage	$< 50 \text{ V ac}$

Mechanical

Cable O.D.	6.0 - 8.0 mm
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	1000 mating cycles
Wiresize	max. 1.0 mm^2
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock

Material	
Boot	PA / PU
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Brass (CuZn39Pb3)
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
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C
Manufacturing Standard	IEC 61076-2-103