



## NC5MXX-HD-D

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

### Features & Benefits

- Dust and water ingress sealing according to IP67 in combination with HD cable connector NC5FXX-HD\*
- Rubber sealing jacket protects against water ingress and mechanical shock
- Gold contacts

**Technical Information**

Product	
<b>Title</b>	NC5MXX-HD-D
<b>Connection Type</b>	XLR
<b>Gender</b>	male

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

Mechanical	
<b>Cable O.D.</b>	6.0 - 8.0 mm
<b>Insertion force</b>	$\leq 20$ N
<b>Withdrawal force</b>	$\leq 20$ N
<b>Lifetime</b>	1000 mating cycles
<b>Wiresize</b>	max. 1.0 mm <sup>2</sup>
<b>Wiresize</b>	max. 18 AWG
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Latch lock

Material	
<b>Boot</b>	PA / PU
<b>Contact plating</b>	0.2 µm Au hard alloy over 2 µm Ni
<b>Contacts</b>	Brass (CuZn39Pb3)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Nickel
<b>Strain relief</b>	Polyacetal (POM)
<b>Sealing jacket</b>	EPDM

Environmental	
<b>Flammability</b>	UL 94 HB
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +80 °C
<b>Manufacturing Standard</b>	IEC 61076-2-103