



## NC3MXX-HD-B-D

Heavy duty male 3 pole XLR cable connector, black housing, for outdoor use.

### Features & Benefits

- ✓ Dust and water ingress sealing according to IP67 in combination with HD cable connector NC3FXX-HD\*
- ✓ Rubber sealing jacket protects against water ingress and mechanical shock
- ✓ Gold contacts

### Technical Information

Product	
Title	NC3MXX-HD-B-D
Connection Type	XLR
Gender	male

## Electrical

Capacitance between contacts	$\leq 4 \text{ pF}$
Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	1,5 kVdc
Insulation resistance	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	16 A
Rated voltage	$< 50 \text{ V}$

## 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. $2.5 \text{ mm}^2$
Wiresize	max. 14 AWG
Wiring	Solder contacts
Locking device	Latch lock

<b>Material</b>	
<b>Boot</b>	Polyurethan
<b>Contact plating</b>	0.2 µm Au hard alloy over 2 µm Ni
<b>Contacts</b>	Brass (CuZn39Pb3)
<b>Insert</b>	Polyamide (PA66)
<b>Locking element</b>	Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell coating</b>	Black KTL
<b>Strain relief</b>	Polyacetal (POM)
<b>Sealing jacket</b>	EPDM

<b>Environmental</b>	
<b>Flammability</b>	UL 94 V-0
<b>Standard compliance</b>	IEC 61076-2-103
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +80 °C