



## NC3FM-C-B

World's first 3 pole unisex XLR cable connector,  
black

### Features & Benefits

- World's first unisex XLR
- 3 pole male and female cable connector in one housing
- Easy selectable gender - converted by sliding housing back and forth
- Substitute adapters, ideal as an emergency kit
- With all benefits of the XLR XX series

## Technical Information

Product	
<b>Title</b>	NC3FM-C-B
<b>Connection Type</b>	XLR
<b>Gender</b>	female

Electrical	
<b>Capacitance between contacts</b>	$\leq 4$ pF
<b>Contact resistance</b>	$\leq 3$ m $\Omega$
<b>Dielectric strength</b>	1.5 kVdc
<b>Insulation resistance</b>	$> 2$ G $\Omega$ (initial)
<b>Rated current per contact</b>	16 A
<b>Rated voltage</b>	$< 50$ V

Mechanical	
<b>Cable O.D.</b>	3.5 - 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. 2.5 mm <sup>2</sup>
<b>Wiresize</b>	max. 14 AWG
<b>Wiring</b>	Solder contacts
<b>Locking device</b>	Latch lock

Material	
<b>Boot</b>	Polyurethan
<b>Contact plating</b>	0.2 µm Au
<b>Contacts</b>	Brass (CuZn39Pb3) (male)
<b>Insert</b>	Polyamide (PA 6.6 30 % GR)
<b>Locking element</b>	Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
<b>Shell</b>	Black chromium
<b>Shell plating</b>	Nickel
<b>Strain relief</b>	Polyacetal (POM)

Environmental	
<b>Flammability</b>	UL 94 HB
<b>Standard compliance</b>	IEC 61076-2-103
<b>Protection class</b>	IP 40
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +80 °C