

XLR connectors

Order code	Manufacturer code	Description
20-1500	NC3MDH	HORIZONTAL NC3MDH PCB XLR PLUG
20-1505	NC3MDV	VERTICAL NC3MDV PCB XLR PLUG
20-1510	NC3FDH	HORIZONTAL NC3FDH PCB XLR SKT
20-1515	NC3FDV	VERTICAL NC3FDV PCB XLR SOCKET
20-1520	NC3MDM3-H	HORIZ.NC3MDM3H PCB XLR PLUG
20-1525	NC3MDM3-V	VERTICAL NC3MDM3V PCB XLR PLUG
20-1530	NC3FDM3-H	HORIZ.NC3FDM3H PCB XLR SOCKET
20-1535	NC3FDM3-V	VERTICAL NC3FDM3V PCB XLR SKT

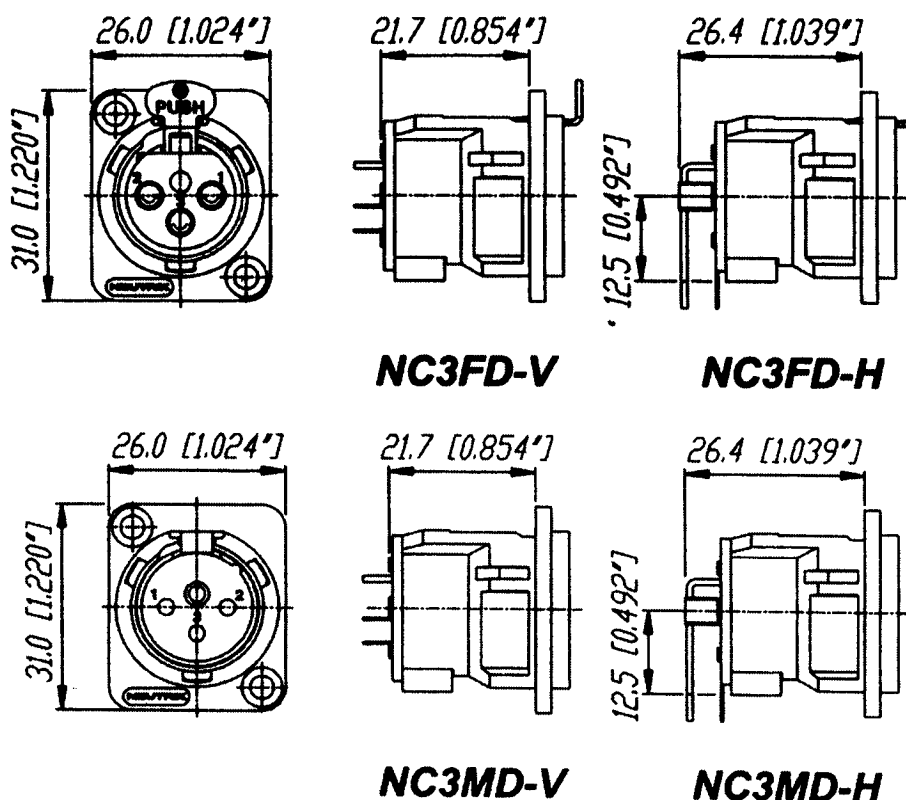
XLR connectors	Page 1 of 3
The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

Die-cast PCB Mounting XLR Connectors

NEUTRIK® D-Series - Plain & M3 threaded mounting holes

Unified metal shell for male and female. Insert premounted to PCB, shell to enclosure, front locked / unlocked. RF protected

Dimensions



Neutrik Code	Description	Contact Plating	Body Colour
NC3MDH	3-Pole Horizontal Panel Plug Plain Mounting Holes	Silver	Nickel Plated
NC3MDV	3-Pole Vertical Panel Plug Plain Mounting Holes	Silver	Nickel Plated
NC3FDH	3-Pole Horizontal Panel Socket Plain Mounting Holes	Silver	Nickel Plated
NC3FDV	3-Pole Vertical Panel Socket Plain Mounting Holes	Silver	Nickel Plated
NC3MDM3H	3-Pole Horizontal Panel Plug M3 Threaded Holes	Silver	Nickel Plated
NC3MDM3V	3-Pole Vertical Panel Plug M3 Threaded Holes	Silver	Nickel Plated
NC3FDM3H	3-Pole Horizontal Panel Socket M3 Threaded Holes	Silver	Nickel Plated
NC3FDM3V	3-Pole Vertical Panel Socket M3 Threaded Holes	Silver	Nickel Plated

Technical Specifications:

Materials

Shell	: ZnAl4Cu1, gal Ni or black Cr plating
Insert	: PA 6.6 30% GR (glass reinforced)
Contacts	:
-female (3-pole)	: CuSn6
-male	: CuZn39Pb3
Contact Surface	: gal 2 μm Ag or gal 0.3 μm Au hard alloy over 2 μm Ni
Latch Lock & Spring	: CK 67 steel, treated

Electrical

Number of Contacts	: 3
Rated Current	: 6 A
Rated Voltage	: 250 V ac
Contact Resistance	: $\leq 5\text{m}\Omega$
Insulation Resistance	:
- initial	: $> 2 \cdot 10^9 \Omega$
- after damp heat test	: $> 1 \cdot 10^9 \Omega$
Dielectric Strength	: 1500 V dc

Mechanical

Insertion / Withdrawal Force	: $\leq 20 \text{ N} / \leq 10 \text{ N}$
Retention Method	: latch lock

Environmental

Temperature Range	: -30°C to +80°C
Flammability	: UL 94HB
Solderability	: complies with IEC 68-2-20