



NC10MD-LX-B

10 pole male D-size receptacle, black chrome metal housing, duplex ground contact

Easy to assemble 10 pole XLR connectors with secure locking and proven Neutrik chuck type strain relief.

Features & Benefits

- Suitable for data offering CAT 5e performance and power up to 16 A and 50 V - exceeds PoE+ capabilities
- Superior ruggedness compared to RJ45 type connectors
- All metal housing offers best overall RF protection and electromagnetic shielding
- D-size housing provides installation compatibility with industry standard D mounting dimensions
- Receptacle with duplex ground contact for excellent signal integrity



Image gallery



Technical Information

Product

Title	NC10MD-LX-B
Type	Chassis
Connection Type	XLR
Gender	male

Electrical

Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	1 kVdc (initial), 0.1 G Ω (after damp heat test)
Insulation resistance	$> 10 \text{ G}\Omega$
Number of electrical contacts	8 + 2
Rated current per contact	16 A (power pins), 3 A (data pins)
Transmission performance	CAT 5e

Mechanical

Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Lifetime	> 1000 mating cycles
Wiresize	2.5 mm ² / AWG 14 (power pins), 1 mm ² / AWG 18 (data pins)

Material

Contact plating	0.2 μm Au hard alloy over 2 μm Ni
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Steel Ck67
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium

Environmental

Flammability	UL 94 HB
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C
Manufacturing Standard	IEC 61076-2-103

Accessories

CAS-DUMMY



DBA-BL



DSS-*



MFD



NDM



SCDM



SCDP-*



SCDR



SCDX



SCM



SCCD-W

