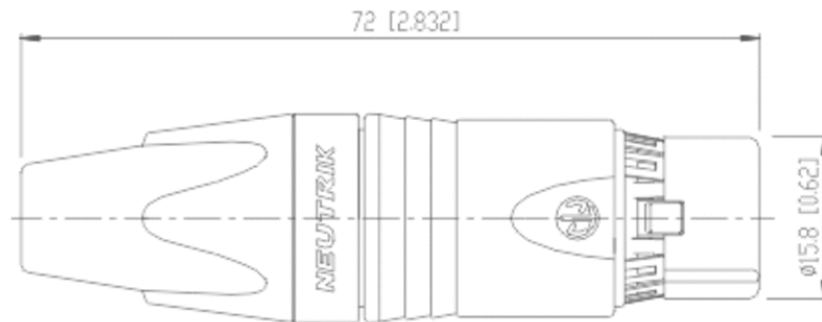


NC3FXX-EMC

3 pole female EMC-XLR cable connector.



XLR Cable Connectors / EMC-XLR

The EMC-XLR cable connector is the answer for a noise-safe audio signal connection. 3 pole male / female XLR cable connector with capacitive cable shield - shell connection to avoid RF-interference and LF-noise. 360° shield contact on female connector ensures best possible shielding and chassis contact.

TECHNICAL DATA

Electrical

Rated current per contact: 5 A
Shielding effectiveness: > 55 db@ 1 GHz
Cables shield - shell connection: capacitive
Cables shield - Pin 1 connection: EMI suppression bead
Contact resistance after lifetime: < 3 m Ohm
Insulation resistance: initial > G Ohm, > 1 G Ohm
Dielectric strength: 1500 V dc after damp heat test

Mechanical

Retention method: chuck type
Life time (mating cycles): > 1000 cycles
Cable O.D. range: 4 - 7 mm
Wiring: soldering (AWG 20 - AWG 24)
Solderability: complies with IEC 68-2-20

Materials

Contacts: Brass (CuZn39Pb3), gold plated
Shell, shield contact: Zinc diecast (ZnAl4Cu1)
Strain relief clamp: POM
Bushing: PA / PU
Insert: PA 6.6 30% GR

Environment

Temperature range: -30° C to +80° C
Flammability: UL 94 HB