



NC3FXX-EMC-B

EMCシリーズは、RFノイズ対策向けに設計されたコネクタです。

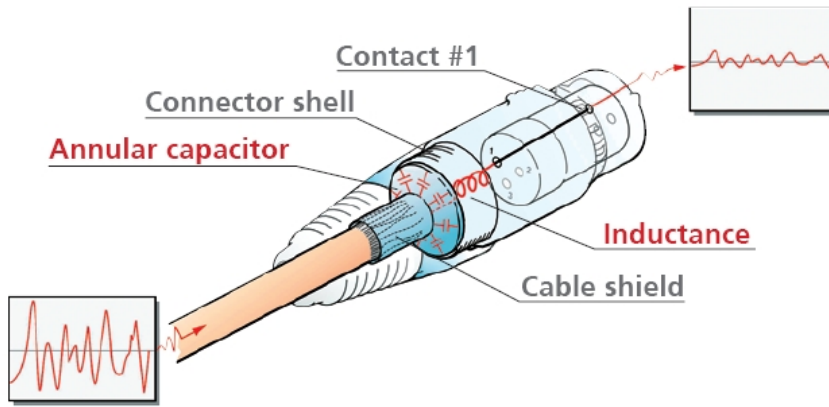
高周波ノイズに影響されやすいステージ・コンサート・放送・レコーディングスタジオ、無線通信・携帯電話・照明装置・電源の付近、これらのシーンでEMCシリーズは性能を発揮します。

製品の特長

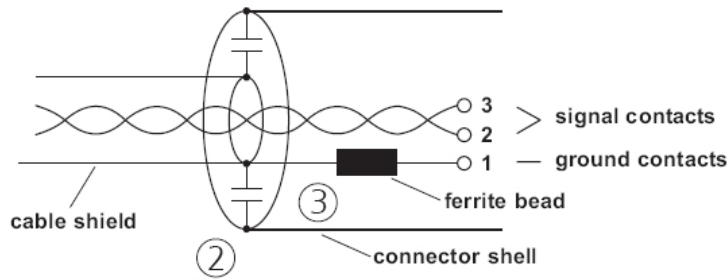
XLRタイプメス型3ピンケーブルコネクタ EMCシリーズ ブラック

- ・コンタクト：金メッキ
- ・ハウジング：黒クロームメッキ

①



- ① Design guarantees a continuous RF-shield connection but avoids ground loops (no LF-shield connection)
- ② Circular capacitor enables low-inductive shield connection to connector housing
- ③ Cable shield - PIN 1 connection includes EMI suppression bead (blocks high frequencies)



Technical Information

Product	
Title	NC3FXX-EMC-B
Connection Type	XLR
Gender	female

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	5 A
Rated voltage	$< 50 \text{ V}$

Mechanical	
Cable O.D.	3.5 - 8.0 mm
Insertion force	$< 50 \text{ N}$
Withdrawal force	$< 20 \text{ N}$
Lifetime	> 1000 mating cycles
Wiresize	max. 0.75 mm^2
Wiresize	max. 20 AWG
Wiring	Solder contacts
Locking device	Latch lock

Material	
Boot	Polyurethan
Contact plating	0.2 µm Au hard alloy over 2 µm Ni
Contacts	Bronze (CuSn8)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Zinc diecast (ZnAl4Cu1) / Ck 67 (spring)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium
Strain relief	Polyacetal (POM)
Circumferential ground spring	Bronze (CuSn6), Ni plated

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