



NC3FXX-EMC

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。

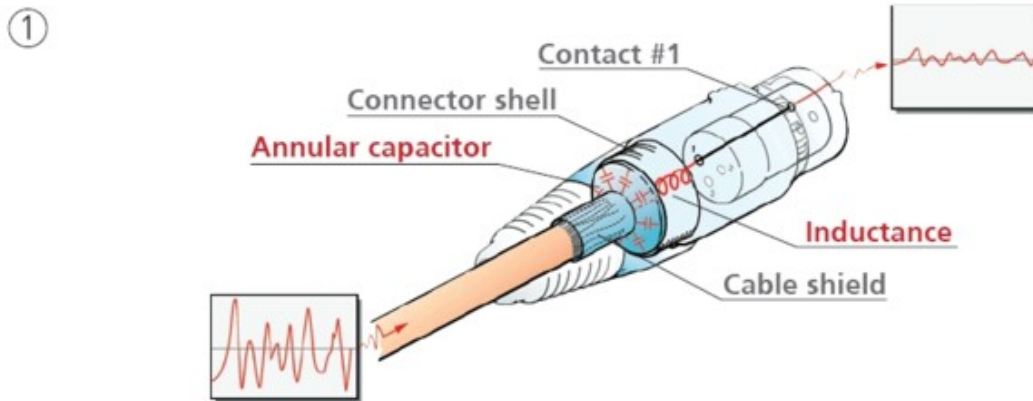
高周波ノイズに影響されやすいステージ・コンサート・放送・レコーディングスタジオ、無線通信・携帯電話・照明装置・電源の付近、これらのシーンでEMCシリーズは性能を発揮します。

製品の特長

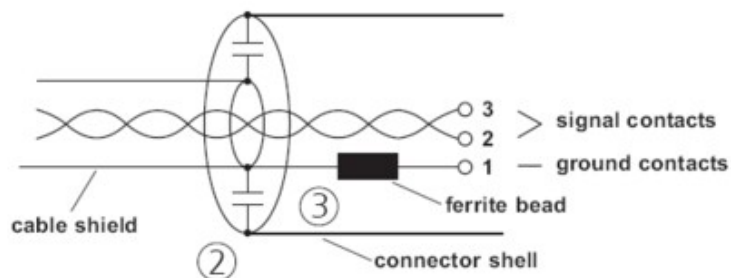
XLRタイプメス型3ピンケーブルコネクター EMCシリーズシルバー 金メッキ

- ・コンタクト：金メッキ
- ・ハウジング：ニッケルメッキ

EMC Explanation



- 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
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)
Locking element plating	Nickel
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
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