

Technical data

Product type	XLR Cable Connectors
Product NO.	SCMF3BG

SCMF3BG Product Appearance



Product features

- ✓ New design for the Key, sasy operate
- ✓ Metal housing with inner thread increase retention force and makes assembly easier and faster
- ✓ New ground contact-excellent contact integrity between chassis and cable connector
- ✓ Colored boots available for coding or identification
- ✓ Boot with polyurethane gland gives high protection to cable bending stresses

Technical parameters

1. Product parameters

Connection Type	XLR
Gender	female

2. Electrical parameters

Capacitance between contacts	$\leq 4\text{pF}$
Contact resistance	$\leq 3\text{m}\Omega$
Dielectric strength	1.5kVdc
Insulation resistance	$> 10\text{G}\Omega$ (initial)
Rated current per contact	16A
Rated voltage	$< 50\text{V}$

3. Mechanical parameters

Sign Cable O.D.	Black Strain relief: 3.5-6mm White Strain relief : 6-8mm
Insertion force	$\leq 20\text{N}$
Withdrawal force	$\leq 20\text{N}$
Service life	> 1000 mating cycles
Wire size	Max. 2.5 mm ²
Wire size	Max. 14 AWG
Locking device	Latch lock

4. Material and environmental parameters

Boot	Polyurethan
Contacts	Cu alloy
Contact plating	Au
Insert	Polyamide (PA 66 +30 % GF)
Locking element	Zinc diecast (ZnAl4Cu1)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black coating
Strain relief	Polyacetal (POM)
Flame-retardant grade	UL 94 HB
Protection class	IP40
Temperature range	-30°Cto +80°C

5. Standard

Standard	IEC 61076-2-103
Solderability	Complies with IEC 68-2-20

Product Profile



