

V-CONNECT

VC-X3MC : MALE XLR

TECHNICAL INFORMATION

Title	VC-X3MC
Connection Type	XLR
Gender	Male

ELECTRICAL

Contacts resistance	$\leq 3\text{m}\Omega$
Rated current per contact	16A
Rated voltage	$< 50\text{VAC}$
Capacitance between contacts	$\leq 4\text{ pF}$
Insulation resistance	$> 10\text{G}\Omega$ (initial) $> 1\text{G}\Omega$ (after damp heat test)
Dielectric strength	15kVDC

MECHANICAL

Lifetime	> 800 mating cycles
Insertion force/Withdrawal force	$\leq 20\text{N}$
Applicable cable OD (mm)	3.5-8.0mm
Wiresize	1.5mm ² -2.0mm ²
Cable retention	$\geq 220\text{N}$
Locking device	Latch lock

MATERIAL

Shell(Housing)	Zinc diecast(ZnAl4Cu1)
Shell plating	Nickel
Contact	Brass copper
Contact Plating	2 μm silver
Latch/Locking element	Zinc alloy
Strain relief	POM
Bushing	PA/PVC

ENVIRONMENTAL

Temperature range	-30 °C to +80 °C
Solderability	IEC 69-2-20

