



**Specifications:**

- Type: 3 pin XLR plug to 3 pin XLR socket
- Connectors

Housing, screw collar: zinc high-pressure diecasting satin nickel or black chrome  
 Contact base: valox DR48  
 Contacts: brass 3 microns silver plated or .5 microns gold plated  
 Strain relief: santoprene, UL 94HBN  
 Sealing ring: sanotoprene, UL94HB  
 Chuck: acetal, UL 94HB  
 Earthing: spring steel, 3 microns silver plate, anti-tarnish  
 Insertion force:  $\leq 20N$   
 Withdrawal force:  $\leq 10N$   
 Life: 5000 insertions min.  
 Working voltage: 250VDC or AC peak  
 Current rating: 16A  
 Test voltage: 1500VAC  
 Contact resistance:  $\leq 3m\Omega$  max.  
 Temperature range:  $-30^{\circ}$ ~ $+80^{\circ}C$   
 Insulation resistance:  $\geq 1G\Omega$   
 Capacitance:  $\leq 4pF$

Mouser Stock No.	L (m)	Housing	Contacts	Cable Color
172-0031	3	Nickel	Silver	Gray
172-0051	5	Nickel	Silver	Gray
172-0101	10	Nickel	Silver	Gray
172-0032	3	Black	Gold	Black
172-0052	5	Black	Gold	Black
172-0102	10	Black	Gold	Black

- Cable

Jacket, insulation, separation: PVC  
 Conductor, shielding: bare copper wire  
 Conductor resistance:  $110\Omega/m$   
 Shielding resistance:  $20\Omega/m$   
 Capacitance (conductor to conductor):  $160nF/km @ 500Veff$   
 Capacitance (conductor to shield):  $220nF/km @ 2000Veff$