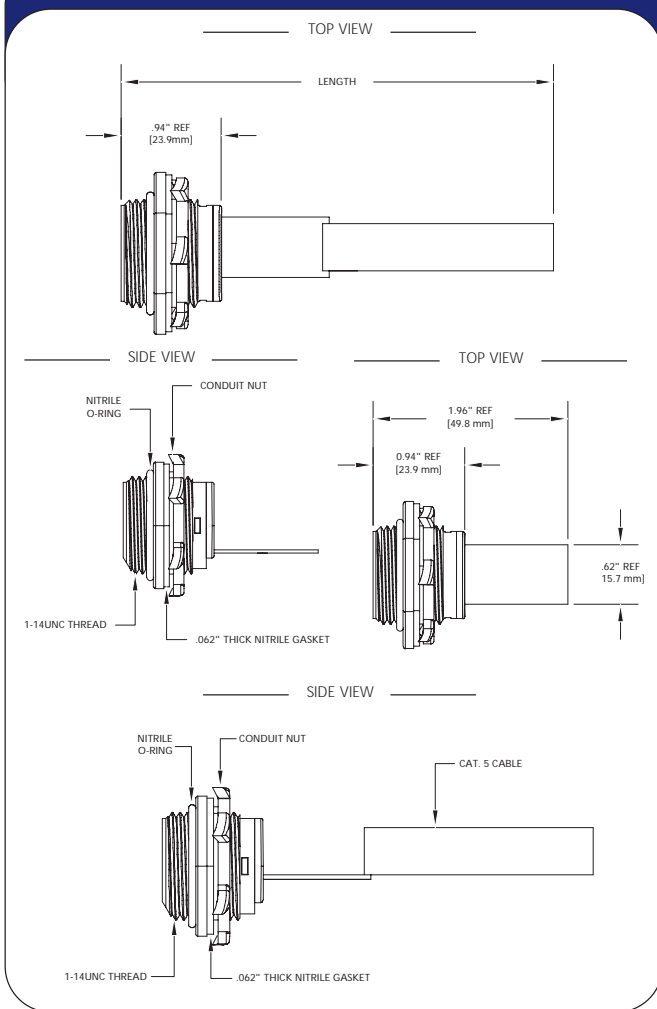# PC Board to Cable Receptacle

RJ-Lnxx® PC Board to Cable Receptacles provide a variety of options for incorporation into a device or panel, particularly when the Ethernet transreceiver is located some distance from the desired mounting point for the receptacle. The base version provides 8 thru holes, plus shield, which allow users to create their own termination on both ends. The other versions provide 12" of cable terminated on the board end. 10Base-T or wiring 568A wiring sequences are available.

- Highly flexible solution for OEM's or end users looking to incorporate a sealed, robust receptacle into their field device or control panel
- Achieves IEC IP67 rated seal when mated with an RJ-Lnxx cordset – but also compatible with commercial RJ-45 patch cords

Specifications

RECEPTACLE DIMENSIONS

O-RING MATERIAL:	VITON
INSERT MATERIAL	ACRYLONITRILE-BUTADIENE-STYRENE (ABS)
OVERMOLD MATERIAL:	POLYURETHANE
COUPLING NUT MATERIAL:	ACRYLONITRILE-BUTADIENE-STYRENE (ABS)
SHELL MATERIAL:	ACRYLONITRILE-BUTADIENE-STYRENE (ABS)
KNOCKOUT HOLE:	1.063"
THREAD SIZE:	UNC 1" - 14
PANEL THICKNESS:	.125" MAXIMUM WITH GASKET, .187" MAXIMUM WITHOUT GASKET, .062" MINIMUM
OPERATING TEMPERATURE:	-20° TO 80° C
RETURN LOSS:	5 dB @ 100 MHZ
ENVIRONMENTAL RATING:	IEC IP67
TIA/EIA RATING:	NOT RATED AS ADDITIONAL CUSTOMER TERMINATION IS REQUIRED
RJ-45 JACK	
PLATING:	50 MICRON OF GOLD OVER 100 MICRONS OF NICKEL
CURRENT RATING:	1.5 A
VOLTAGE RATING:	125V DC

PART NUMBER	DESCRIPTION
ENSR1FB5	RECEPTACLE W/PC BOARD
ENSR1FB5C305	RECEPTACLE W/PCB AND 12" OF CABLE (10 BASE-T)
ENSR2FB5C305	RECEPTACLE W/PCB AND 12" OF CABLE (568A)
ENSR3FB5C305	RECEPTACLE W/ PCB AND 12" OF CABLE (568B)

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