

1. MATERIALS AND FINISHES

BODY,	- BRASS, NICKEL PLATING
CONTACT	- BERYLLIUM COPPER, GOLD PLATING
INSULATOR	- PTFE
HEX NUT	- BRASS, NICKEL PLATING
LOCK WASHER	- BRASS, NICKEL PLATING
GASKET	- SILICONE RUBBER
FERRULE	- SEAMLESS COPPER TUBE, NICKEL PLATING
HEAT SHRINK TUBING	- CROSSLINKED POLYOLEFIN

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -40° C TO +85° C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED

5 "AMPHENOLRF, 31-6508, AND DATE CODE"
RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
- C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
- D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
- E. CRIMP FERRULE OVER BRAID WITH 0.213" HEX DIE.
- F. APPLY HEAT SHRINK TUBING OVER FERRULE.
- G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

6. RECOMMENDED TORQUE APPLIED ON HEX NUT: 7-10 IN LBS

7. SHOWS CABLE ENTRY DIMENSIONS.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1° NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL	DRAWN D.DAVE	DATE 08-Sept-11	TITLE TNC STR BHD JACK RP IP-67 FOR LMR-200 CABLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	ENGINEER D.DAVE	DATE 08-Sept-11				
	REFERENCE AND	APPROVED	DATE	SCALE: 2.5:1.0 SHEET 2 OF 2		DRAWING NO.31-6508	
	CONFIGURATION LEVEL: In Work	CAD FILE	DWG SIZE B		REV A	ITEM NO.31-6508	
	FINISH	Root Folder/TNC/31-6508				PART NO.31-6508	