

1. MATERIALS AND FINISHES:

BODY, CONTACT-OUTER	- BRASS, NICKEL PLATING
CONTACT	- BeCu, GOLD PLATING
CONTACT	- BRASS, GOLD PLATING
INSULATORS	- PTFE
FERRULE	- COPPER, 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: -55° C TO +85° C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 82-6517, AND DATE CODE"

5 ▷ RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:

- TRIM CABLE AS SHOWN.
- SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
- SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
- INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
- CRIMP FERRULE OVER BRAID WITH 0.532" HEX DIE
- APPLY HEAT SHRINK TUBING OVER FERRULE.
- HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

6. SHOWS CABLE ENTRY DIMENSIONS.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.5mm ±0.1mm ±0.2mm ± 0.3mm ±1°	MATERIAL	DRAWN T.DENG	DATE 16-Jul-12	TITLE N JACK STR IP-67 FOR LMR-400 CABLE		Amphenol RF www.amphenolrf.com	
ENGINEER D.DAVE		DATE 15-Sep-11					
REFERENCE EAR # 3410		APPROVED D.HU	DATE 01-Aug-12	DRAWING NO.82-6517			
CONFIGURATION LEVEL:		CAD FILE	SCALE: 2.3:1.0	SHEET 2 OF 2	ITEM NO.82-6517		
FINISH			DWG SIZE B	REV A	PART NO.82-6517		
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