

NOTES:

1. MATERIALS AND FINISHES:  
BODY, HEX NUT AND LOCK WASHER - BRASS, NICKEL PLATING  
CONTACT - BeCu, GOLD PLATING  
BULLET CONTACT - BRASS, GOLD PLATING  
INSULATOR - PTFE, NATURAL  
O-RING - SILICONE RUBBER, RED  
FERRULE - COPPER, NICKEL PLATING

2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 9 GHz  
C. VSWR: 1.30 MAX. @ DC - 3 GHz  
1.40 MAX. @ 3 - 6 GHz  
1.50 MAX. @ 6 - 9 GHz  
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

3. MECHANICAL:  
A. DURABILITY: 500 CYCLES, MIN.  
B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: PACKAGING TO BE MARKED  
"AMPHENOL RF, 31-6964 AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:  
A. TRIM CABLE AS SHOWN.  
B. SLIDE FERRULE 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 0.105" HEX.

6. SHOWS CABLE ENTRY DIMENSIONS.

RECOMMENDED MOUNTING  
HOLE DIMENSIONS

RECOMMENDED CABLE  
STRIPPING DIMENSIONS

SCALE 1.500

12.10  
[0.476]  
Ø13.00  
[0.512]

7.20  
[0.283]  
BRAID  
1.10  
[0.043]  
DIELECTRIC  
1.70  
[0.067]  
CENTER CONDUCTOR  
0.10 x45°  
[.004]

28.10 REF  
[1.106]  
2.50 REF  
[0.098]  
11.00 REF  
[0.433]  
GASKET  
LOCK WASHER  
7/16-28UNEF-2A  
THREAD  
11.80 REF  
[0.465]  
'D' FLAT  
11/16" WRENCH  
4.20  
[0.165]  
MAX. PANEL THICKNESS  
16.00 MM WRENCH  
1/2-28UNEF-2A  
THREAD

Ø0.92  
[0.036]  
Ø1.93 REF  
[0.076]  
Ø0.38  
[0.015]  
BULLET  
CONTACT  
2.54  
[0.100]  
FERRULE