

THIRD ANGLE PROJ.

REV. DESCRIPTION

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	4/26/12	49027	DD
B	ADDED ARC LOGO TO COUPLING NUT/VRD-DMI302200IR3	1-Mar-13	49418	RM

REVISIONS

1. MATERIALS AND FINISHES:  
 BODY - REAR BODY - BRASS, NICKEL PLATING  
 CONTACT - BRASS, GOLD PLATING  
 INSULATOR - PTFE  
 COUPLING NUT - BRASS, NICKEL PLATING  
 CAP - BRASS, NICKEL PLATING  
 FERRULE - COPPER, NICKEL PLATING

2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 6 GHz  
 C. VSWR(RETURN LOSS): -23 dB MAX

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

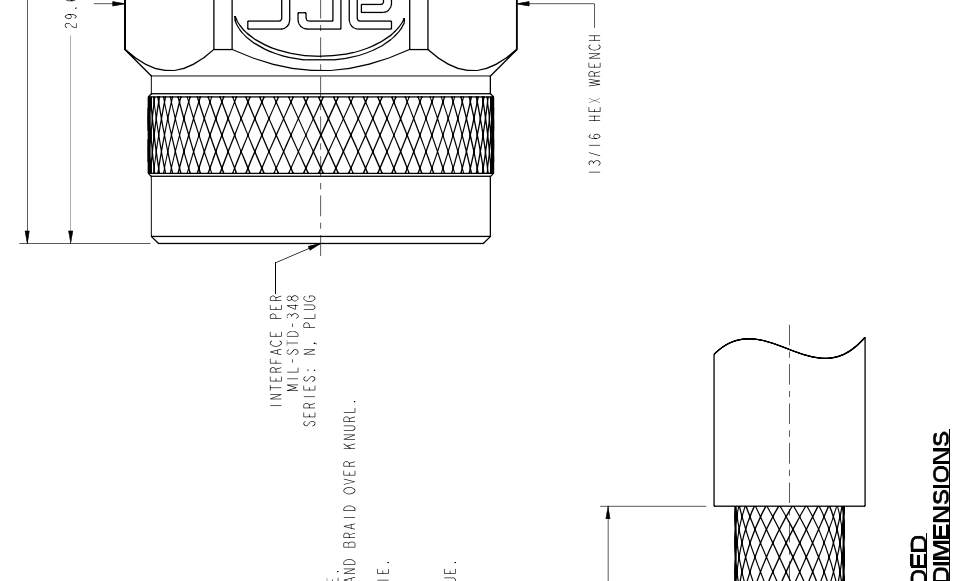
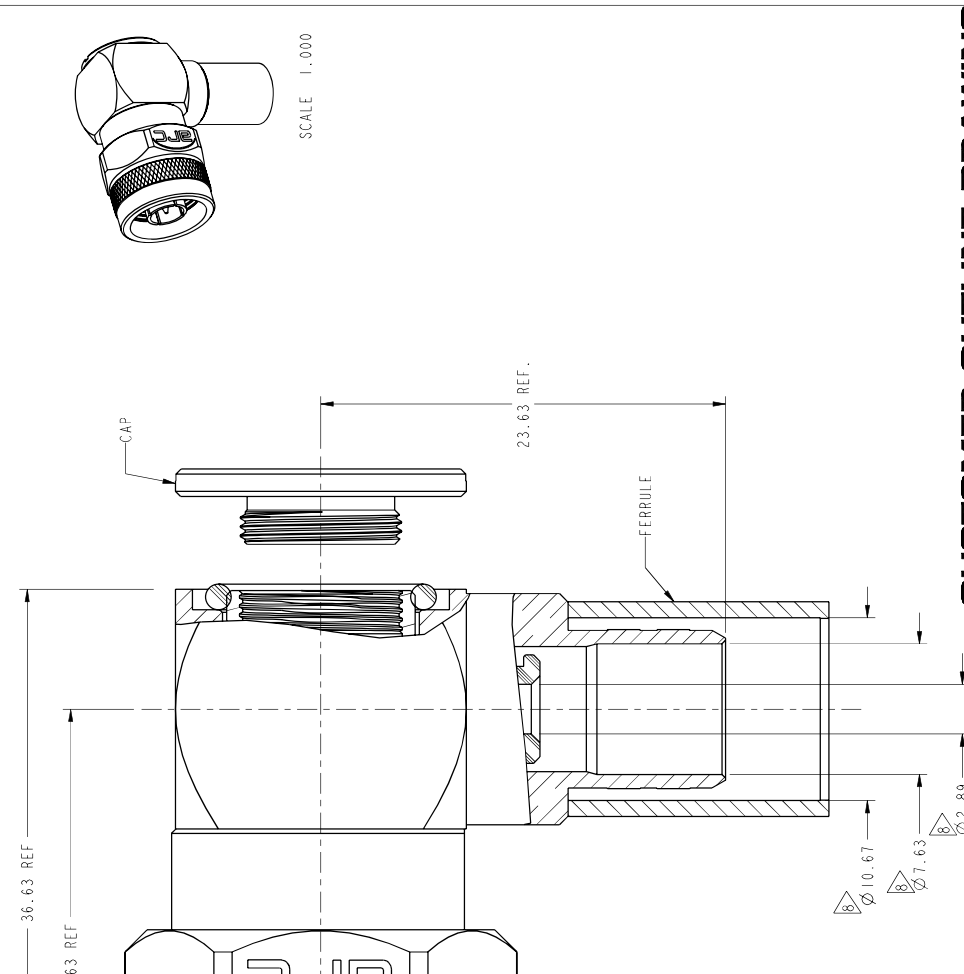
4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED "AMPHENOLRF, 82-6489 AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE FERRULE AND REAR INSULATOR ONTO CABLE.  
 C. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.  
 D. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.  
 E. CRIMP FERRULE OVER BRAID WITH 0.429" HEX DIE.

6. CAP ASSEMBLY INSTRUCTIONS:  
 A. PLACE O-RING ON CAP AS SHOWN.  
 B. ASSEMBLE CAP TO BODY WITH 6-10 IN-LBS TORQUE.

7. RECOMMENDED COUPLING TORQUE: 6-10 IN-LBS.

8. SHOWS CABLE ENTRY DIMENSIONS.



CABLE STRIPPING DIMENSIONS

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY.

TITLE	DATE	DRAWN	MATERIAL	SEE NOTES
N PLUG R/A IP-67 FOR LMR-400-CABLE	27-Feb-13	R.WAO		
	28-Mar-12	ENGINEER KARTHIK R		
	27-Feb-13	APPROVED S.HSIEH		REFERENCE EAR # 4.80
				CONFIGURATION LEVEL: □□□□
				FINISH

SCALE: 3.5:1.0 SHEET 2 OF 2

DMG SIZE B

REV B

Amphenol RF  
 Danbury CT USA, Taiwan, Shenzhen, China  
 www.amphenolrf.com

DRAWING NO. 82-6489

ITEM NO. 82-6489

PART NO. 82-6489

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

	±0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
	±0.1mm	±0.2mm	±0.3mm	±0.5mm	±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 may or may not be disclosed to any person other than those specifically authorized by Amphenol Corp. or to any other person for any purpose 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.