



DESIGNED FOR USE WITH RG-188A/U FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
FERRULE	.125
CONTACT	.025
HOUSING	.066

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
050	SEE ECN 92-0651	1/12/93	<i>BB</i> <i>Com 1/18/93</i>

HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to MAX	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Operating Frequency of Cable per MIL-C-17	Torque 7-10 In-Lbs	Shock MIL-STD-202, Method 213, Condition I
Volt Rating (VRMS MAX) @ Sea Level 250	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
VSWR 1.18±.02f(GHz)	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .07√f(GHz)	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -(60-fGHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	
Corona, 70,000 Ft (VRMS MIN) 190	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In-Oz) 4.0	
Center Contact 3.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) 20 Min	
Cable to Housing 0.5	Torque (In-Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500	Weight (Grams) 4.2	
I.R.(Megohms MIN) 10,000		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON		
FRAC	DEC	ANGLES
± 1/64	± .005	± 1°
DRAWN BY EJC	DATE 7-25-68	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
CHECKED BY BKW	8-13-68	
APP'D BY D.NANIA	10-1-68	
USE ASSY PROCEDURE	TITLE	
408-04683 NO. AP. (20-067)	OSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT	
SIZE B	CODE IDENT NO. 26805	REV 050
SCALE 2:1	2037-5008-02	SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1052076-1  
SHEET 1 OF 1 REV A