



DESIGNED FOR USE WITH	RG-188/U CABLE
CABLE ENTRY DIAMETER	MINIMUM
FERRULE	.125
HOUSING	.066
CONTACT	.021

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₃	REACTIVATED	1/26/99	<i>[Signature]</i>

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
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

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>12.4</u>	Recommended Mating Torque <u>7 to 10 in-lbs</u>	Vibration MIL-STD-202, Method 204, Condition B.
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Force to Engage and Disengage (in-lbs MAX) <u>2.0</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.15 ±.015F (GHz)</u>	Center Contact Captivation Axial (lbs) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B.
Insertion Loss (dB MAX) <u>.15 @ 6 GHz</u>	Radial (in-oz) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>-60 @ 2 - 3 GHz</u>	Cable Retention Axial Force (lbs) <u>20.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Torque (in-lbs) <u>N/A</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Coupling Nut Retention (lbs MIN) <u>60</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Proof Torque (in-lbs MIN) <u>15</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>2.9</u>	
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1,000</u>		
I.R.(Megohms MIN) <u>5,000</u>		

.XXX = in
XX.X = mm (REF)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON

FRAC.	DEC.	ANGLES
± 1/64	±.005	± °

These drawings and specifications are the property of AMP RF Coax & Antenna Div. and shall not be reproduced or copied or used in whole or in part as the basis for the sale of items without written permission.

USE ASS'Y PROCEDURE

408-04735
NO. AP. (20-049)

DRWN BY: DRF DATE: 10/14/76
CHKD BY: ECH DATE: 1-17-77
APPD BY: RME DATE: 1/19/77

AMP Incorporated
140 Fourth Avenue
Waltham, MA 02451-7599

TITLE: OSM SRTAIGHT CABLE PLUG CRIMP ATTACHMENT

SIZE	CODE IDENT NO.	REV
B	26805	02 ₃

SCALE 5 : 1 SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1051654-1
SHEET 1 OF 1 REV A