



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

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	DRAWN BY DRF	DATE 10/14/76		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
	CHECKED BY ECH	1-17-77		TITLE OSM SRTAIGHT CABLE PLUG CRIMP ATTACHMENT	
	APPD BY RMF	1/19/77		NO. AP. 408-04735 (20-049)	SIZE B CODE IDENT NO. 26805 2031-5006-00 REV 02₃
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	SCALE 5 : 1	SHEET 1 OF 1		

CUSTOMER DRAWING

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