



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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
010	RELEASED	11/27/95	<i>D. Comello</i>

DESIGN CONTROL REQUIRED

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
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
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) 50	Interface Dimensions MIL-STD-348A, Fig. 310.1	Temperature Rating -65°C to +165°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)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
⊙ Sea Level 250	Insertion (MAX Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106
VSWR 1.15±.03f(GHz)	Withdrawal (MIN Oz) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Insertion Loss (dB MAX) .15 √f(GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	
RF Leakage (dB MIN) -(60-fGHz)	Center Contact Captivation	
Corona, 70,000 Ft (VRMS MIN) 190	Axial (Lbs) 6.0	
Dielectric Withstanding Voltage (VRMS MIN) ⊙ Sea Level 750	Radial (In-Oz) 4.0	
Contact Resistance (Milliohms MAX)	Cable Retention	
Center Contact 4.0	Axial Force (Lbs) 20 Min	
Outer Contact 2.0	Torque (In-Oz) N/A	
Cable to Housing 0.5	Weight (Grams) 4.2	
RF High Potential ⊙ Sea Level (VRMS MIN ⊙ 5 MHz) 500		
I.R.(Megohms MIN) 10,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY T. WAGNER	DATE 11-22-95	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC DEC ANGLES ± 1/64 ± .005 ± 1°	CHECKED BY	APPD BY <i>D. Comello</i>	11/27/95	AMP
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	408-04683 NO. AP (20-067)	SIZE B	CODE IDENT NO. 26805	1250-0654-00
		SCALE 2:1		REV 010
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