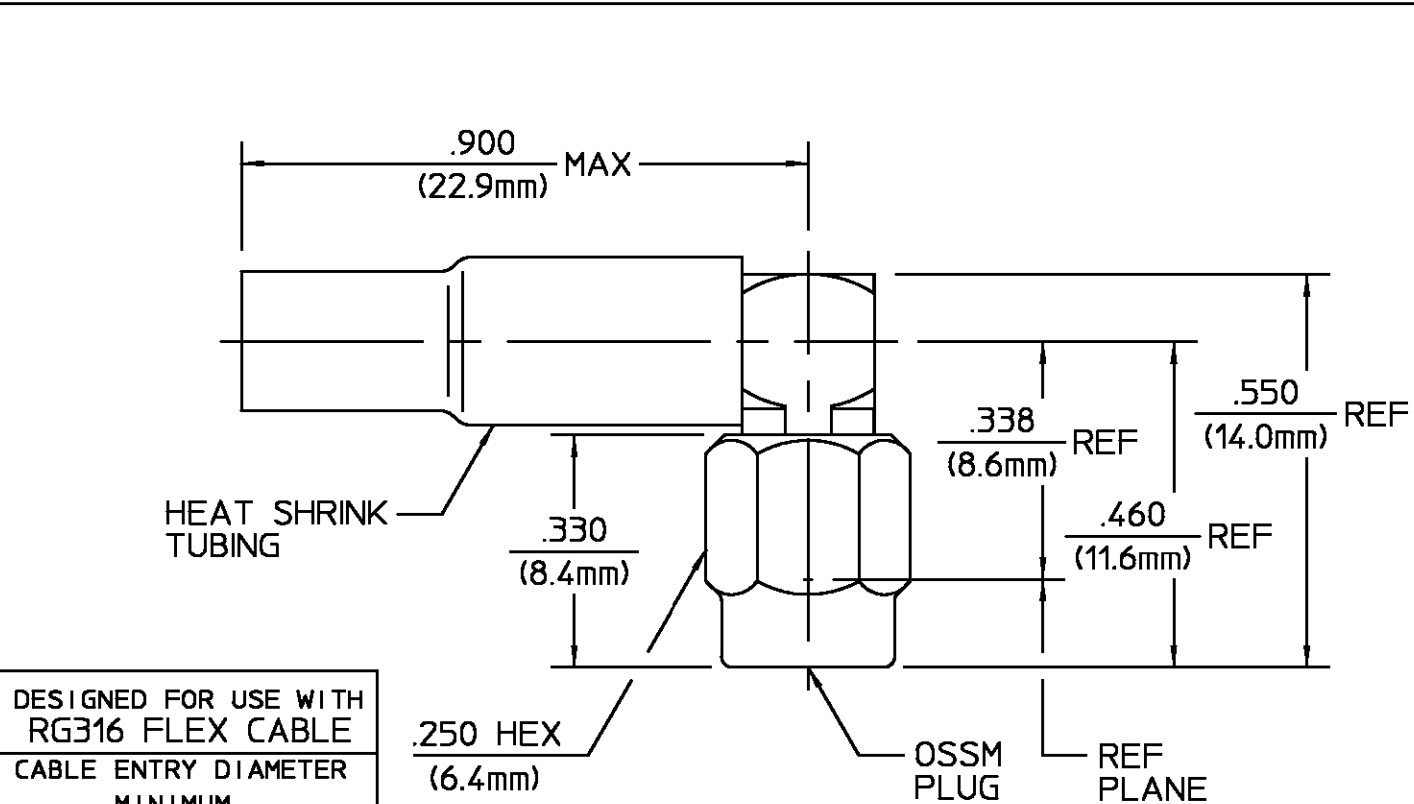




DESIGNED FOR USE WITH RG316 FLEX CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.061
CONTACT	.023
FERRULE	.125

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. <u>319.1</u>	Temperature Rating <u>-65°C to +165°C</u>
Frequency Range (GHz) DC to <u>26</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Torque <u>7-8 In-Lbs</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.10 + .015</u>	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp Shall Be 85°C
Insertion Loss (dB MAX) <u>.04 √f</u>	Insertion (MAX Lbs) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>	Withdrawal (MIN Oz) <u>N/A</u>	No Measurements At High Humidity
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2</u>	I.R. 200 Megohms Within 5 Min
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX)	Axial (Lbs MIN) <u>4</u>	
Center Contact <u>4</u>	Radial (In/Oz) <u>N/A</u>	
Outer Contact <u>2</u>	Cable Retention	
Cable to Housing <u>0.5</u>	Axial Force (Lbs) <u>20</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>	Torque (In/Oz) <u>16(MIN)</u>	
I.R.(Megohms MIN) <u>5000</u>	Weight (Grams) <u>T.B.D.</u>	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ⁰	RELEASED	8/21/90	CAS
01 ¹	DELETE AND CHANGE ON ELECTRICAL, MECHANICAL & ENVIRONMENTAL CERTIFICATE SHRINK TUBING MIL-I-23053-4 WAS 23053-11 PER ECN 90-0943	CKM 10-31-90	BB 11-29-90
02 ⁰	FERRULE FINISH WAS PASSIVATED, ECN 90-1137	KCM 12/18/90	BB 12/18/90
B	PER EC 0U20-0116-01-02	10/25/01	C. Huang

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, MIL-P-19468, AND FED. SPEC L-P-403	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B194	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	SOFT COPPER ALLOY	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°		
DRAWN BY B.M.EDWARDS DATE 8/7/90 CHECKED BY BB 8/9/90 APPD BY CAS 8/21/90		
AMP - AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599		
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USE ASS'Y PROCEDURE 408-04759 NO. A.P. (10-056)		
TITLE OSSM RIGHT ANGLE CABLE PLUG - CRIMP ATTACHMENT		
SIZE B	CODE IDENT NO. 26805	1037-5032-92
SCALE 4 : 1	REV 020	
SHEET 1 OF 1		