



DESIGNED FOR USE WITH NORDEN 154-085-001 CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.076
FERRULE	.125
CONTACT	.025

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₀	RELEASED	6/22/99	<i>DC</i>

HOUSING CAP 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) 50	Interface Dimensions MIL-STD-348, Fig. 319.1	Temperature Rating -65°C to +125°C
Frequency Range (GHz) DC to 3.0	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Torque (In/Lbs) 5	Shock MIL-STD-202, Method 213, Condition I
Sea Level 250	Force to Engage and	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +85°C
VSWR 1:15 ±.03(10GHz)	Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106,
Insertion Loss (dB MAX) .04√f(GHz)	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -60 @ 2-3 GHz	Axial (Lbs) 4.0	
Corona, 70,000 Ft (VRMS MIN) 190	Radial (In/Oz) 2.0	
Dielectric Withstanding Voltage	Cable Retention	
(VRMS MIN) Sea Level 750	Axial Force (Lbs) 20	
Contact Resistance (Milliohms MAX)	Weight (Grams) 2.3	
Center Contact 4.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level		
(VRMS MIN) @ 5 MHz 500		
IR.(Megohms MIN) 5000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY DMM	DATE 6/22/99	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON FRAC DEC ANGLES ± 1/64 ±.005 ± 1°	CHECKED BY <i>DC</i>	DATE 6/22/99	
USE ASSY PROCEDURE	NO. AP. 408-04757 (10-043)		
TITLE OSSM RIGHT ANGLE CABLE PLUG-SOLDER ATTACHMENT	SIZE B	CODE IDENT NO. 26805	1037-5031-00
	SCALE 4:1		REV 01 ₀
			SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1082286-1
SHEET 1 OF 1 REV A