



DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.0875

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₃	REVISED	05/05/94	<i>AD</i>

ELECTRICAL	MECHANICAL	ENVIRONMENTAL	HOUSING	MATERIAL	FINISH
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A	Temperature Rating <u>-65°C to +105°C</u>	COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
Frequency Range (GHz) DC to <u>26.5</u>	Recommended Mating Torque <u>7 to 8</u> In - Lbs	Vibration MIL-STD-202, Method 204, Condition D	RETAINING RING	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	N/A
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Mating Characteristics: Insertion (MAX Lbs) <u>N/A</u>	Shock MIL-STD-202, Method 213, Condition I	GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
VSWR <u>1.035 + .005f(GHz)</u>	Withdrawal (MIN Oz) <u>N/A</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp +115°C	COMPONENT		
Insertion Loss (dB MAX) <u>.03√f(GHz)</u>	Force to Engage and Disengage (In/Lbs MAX) <u>2.0</u>	Moisture Resistance MIL-STD-202, Method 106, Except Vibration	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DATE <u>7/11/68</u>	AMP AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
RF Leakage (dB MIN) <u>-[90-f(GHz)]</u>	Center Contact Captivation Axial (Lbs) <u>N/A</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray	FRAC. DEC. ANGLES <u>± 1/64 ± .005 ± °</u>	CHECKED BY <u>PRB</u> DATE <u>7/11/68</u>	
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Cable Retention Axial Force (Lbs) <u>30</u>		APPD BY <u>7/11/68</u>	NO. AP. <u>10-001</u> <u>(408-04796)</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>750</u>	Torque (In/Oz) <u>16</u>		These drawings and specifications are the property of Omni Spectra Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.	TITLE <u>OSSM STRAIGHT CABLE PLUG - DIRECT SOLDER ATTACHMENT</u>	REV <u>02₃</u>
Contact Resistance (Milliohms MAX) Center Contact <u>2.0</u>	Weight (Grams) <u>1.0</u>		USE ASS'Y PROCEDURE	SIZE <u>B</u>	CODE IDENT NO. <u>1001-7985-00</u>
Outer Contact <u>2.0</u>				SCALE <u>10 : 1</u>	SHEET 1 OF 1
Cable to Housing <u>0.5</u>					
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>					
I.R.(Megohms MIN) <u>N/A</u>					