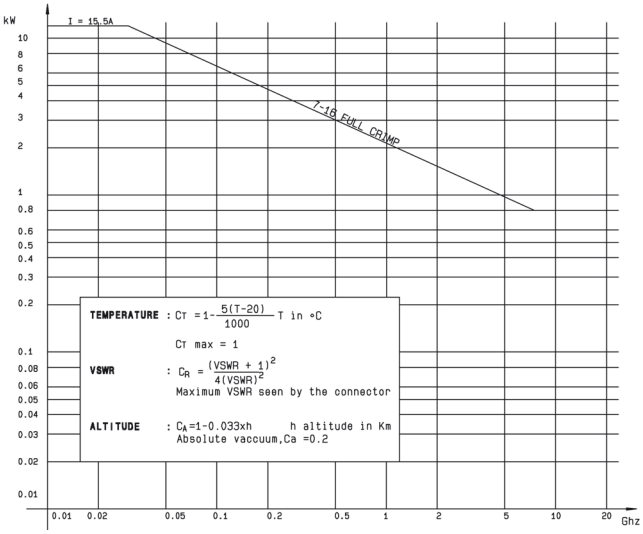
7/16

MATERIALS AND PLATING

	Material	Plating
Bodies	Brass	Silver + BBR
Nut	Brass	BBR
Center Contact **• Male** **• Female**	 Brass Beryllium copper	 Silver
Insulator	PTFE	-
Gasket	Silicone rubber	-

POWER RANGE



COMPOSITE 7/16 CHARACTERISTICS

TEST / CHARACTERISTICS	VALUES / REMARKS
ELECTRICAL CHARACTERISTICS	
Frequency Range	DC - 7.5 GHz
VSWR	1.06@DC-3 GHz - 1.10@DC - 3-7.5 GHz
High Working Voltage	> 2700 V
Very Low Intermodulation	IMP3 < -125 dBm under 2 carriers of +43dBm And typically < -130 dBm
Power Handling	> 800 W@ 935 MHz
MECHANICAL CHARACTERISTICS	
Longlife Duration	Up to 500 Mating Cycles
Coupling Torque	35 Nm or less
Coupling Strength	1000 N
Center Contact Retention / Axial Force	> 200 N
Center Contact Retention / Torque	> 80 Ncm
ENVIRONMENTAL CHARACTERISTICS	
Temperature Range	-40 °C / +85 °C
Humidity	Up to 100% @ 20 °C
Flammability Rating	UL94-VO
UV Resistance	IEC 68-2-5 / IEC 68-2-9
Waterproof	IP67