C Connectors

CHARACTERISTICS

TEST / CHARACTERISTICS	VALUES / REMARKS
ELECTRICAL CHARACTERISTICS	
Impedance	50Ω
Frequency Range	DC - 3 GHz (Optimized) DC - 11 GHz (Maximum)
V.S.W.R.	1.22 at 3 GHz
Test Voltage at Sea Level	3 Kv Continuous
Insulation Resistance	> 5000 MΩ
MECHANICAL CHARACTERISTICS	
Durability	500 Matings
Vibrations	10g (Acceleration) 10 to 500 Hz
ENVIRONMENTAL CHARACTERISTICS	
Temperature Range	-55 °C / + 155 °C
Salt Spray	48H
Panel Sealing	Pressure: 3 bars Leakage Rate < 1 cm^3/h

MATERIALS AND PLATING

Outer Contact	Bronze	Gold
Connector Body	Brass / Stainless Steel	Nickel / Passivated
Insulator	PTFE	-
Gaskets	Silicone Rubber	-