

## C Connector Specifications

### Electrical

Impedance	50 Ohm constant
Frequency Range	0-11 GHz, 1500 V typ.
Voltage Rating	1500 volts peak, std
Dielectric Withstanding Voltage	3000 VRMS
VSWR	1500 volt type; 1.35 max to 11 GHz max. 2 Amps current @ 100 MHz @ 1500 volts peak

### Environmental

Temperature Range	-65°C to +165°C
Weatherproof	Except as noted, all C series connectors are weatherproof
Hermetic Seals	Pass helium leak test of $2 \times 10^{-8}$ c/sec
Pressurized	Compression seal

### Mechanical

Mating	2-stud bayonet lock
Cable Affixment	Braid clamp

