

Typical specifications

Characteristic impedance:	50 Ω
Frequency range (1/4"- 7/8" connectors)	DC – 5.00 GHz
Frequency range (1 1/4" -1 5/8" connectors)	DC – 2.80 GHz
VSWR (Return Loss)	1.036 up to 2.5 GHz (35dB)
3rd order IM product (2 x 20 Watt / 1.8 GHz)	- 120 dBm (- 163 dBc)
Sealing test	IP 68 - 3.5 Bar (25 m water pressure)
Shielding effectiveness	< -110 dB @ 1GHz
Insertion loss	max: 0.05 x \sqrt{F}
Dielectric strength	2 kV for N and angle connectors 4 kV for 7/16 connectors
Average power	3.0 kW for 7/16 and 0.60 kW for N connectors
Installation temperatures	- 5 C° to + 50 C°
Operation temperatures	- 40 C° to + 85 C°

Typical materials

Body parts	Brass (CuZn39Pb3)
Inner conductors	Brass (CuZn39Pb3) or Tin bronze alloys
Insulators	TPX/ POM
O-rings	EPDM/ Silicone

Plating

Body parts	Silver / NiTin-6™
Inner conductors	Silver