



6709 SERIES

FEATURES

- Type SMA Connectors Standard
- Options from DC to 1GHz
- High Performance, Troughline Style Structure
- Military Grade Materials and Processing
- -40 to + 125° C Operating Temperature Range

SPECIFICATIONS

Model	6709
Frequency Range (GHz)	DC – 1
Phase Shift, min (°/GHz)	940
Phase Shift, min (°/GHz/Shaft Turn)	9.7
Insertion Phase Nom at Min Phase Setting (°/GHz)	1040
Number of Turns, min	96
VSWR max	1.50
Insertion Loss, max (dB)	0.7
Power	
Average (Watts)	100
Peak (Watts)	1000
Time Delay, nom @ Min Phase Setting (nsec)	2.9
Weight	
Ounces	14.9
Grams	422

NOTES:

1. 1 Degree per GHz of Phase Shift equals 2.78 picoseconds of time delay.
2. Average and Peak Power are given at ambient temperature and altitude with Type SMA Connectors. Power is further limited by the power threshold level of connector style.



L A B O R A T O R I E S

