



Model DC7352A, DC7352
Dual Directional Coupler
600 Watts CW
4GHz–8GHz

The Model DC7352 is a dual directional coupler with excellent frequency range and power handling capability. The wide range assures flexibility in coupling medium power amplifiers to oscilloscopes, voltmeters, power meters, spectrum analyzers and other measuring instruments. The dual directional design allows the user to monitor both forward and reflected power, a much needed characteristic in RF susceptibility testing for amplifier overdrive protection, field control and load protection. Low insertion loss allows efficient coupling to the load. The Model DC7352 is intended for use with the 200T4G8 and other microwave amplifiers operating within the frequency and power range.

The export classification for this equipment is EAR99. This equipment is controlled for export in accordance with the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

SPECIFICATIONS

- FREQUENCY RANGE.....4–8GHz
- POWER (maximum)600 Watts CW
10K Watts Peak
- COUPLING FACTOR.....50 dB ±2 dB (includes flatness)
- COUPLING FLATNESS.....±1 dB
- DIRECTIVITY, MINIMUM 15 dB
- INSERTION LOSS0.2 dB maximum
- IMPEDANCE (Main Line)50 ohms, VSWR 1.30:1 maximum
- CONNECTORSSee Model Configuration
- WEIGHT.....0.22 kg (.48 lbs)
- SIZE (WxHxD) 10.49 x 3.07 x 2.54 cm (4.13 x 1.21 x 1 in)
- EXPORT CLASSIFICATION.....EAR99

Model Number	Model Configuration	
	Mainline Connector J1/J2	Coupled Connector J3/J4
DC7352A	N(M)/N(F)	N(F)/N(F)
DC7352	N(F)/N(F)	SMA(F)/SMA(F)
DC7352M1	N(F)/N(F)	N(F)/N(F)