

7 dB Coupler

Product Description

This 7dB coupler is useful for monitoring & measuring power levels from antennas and different points in communications system. This cavity coupler can satisfy almost any requirement for sampling incident and reflected microwave power conveniently and accurately with minimal disturbance to the transmission line

Technical Specifications

Model No	342 012 07
Frequency (MHz)	700 – 3500
Insertion Loss (dB)	1.4 (Max)
Coupling (dB)	7± 1
Coupling Flatness (dB)	+/-0.7
Impedance (Ohms)	50
Maximum Input Power(W)	100 (Max)
Connector	N Female
Isolation	25 dB Min
VSWR	<1.5:1
Intermodulation at IM3 (2x43 dBm Carrier) (dBc)	-140

Mechanical Specifications

Dimension (LxWxH)(mm)	142x47.5x17.5
Weight(grams)	350
Material	Aluminium
Finish	Passivated Aluminium or powder coated
Temperature Range	-20°C to +70°C

Product Photo

