

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 00
Frequency (MHz)	800 – 2500
Insertion Loss, (dB)	1.4 (Max)
Coupling (dB)	7 ± 1
Coupling Flatness (dB)	+/- 0.8
Impedance (Ohms)	50
Maximum Input Power (W)	100 (Max)
Connector	N Female
Isolation	26 dB (Min)
VSWR	1.2:1
Intermodulation at IM3 (2x43 dBm Carrier) (dBc)	-140

Mechanical Specifications

Dimension (LxWxH) (mm)	135x40x25
Weight (grams)	150-200
Material	Aluminium
Finish	Passivated Aluminium or powder coated
Temperature Range	-20°C to +70°C

Product Photo

