

10 dB Coupler

Product Description

This 10 dB 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	342 013 00
Frequency (MHz)	800 – 2500
Insertion Loss, Max(dB)	0.7
Coupling (dB)	10 ± 1
Coupling Flatness (dB)	+/-0.7
Impedance(Ohms)	50
Maximum Input Power(W)	100 Max
Connector	N Female
Isolation (dB)	30 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
Protection Class	IP 30
Finish	Passivated Aluminium or powder coated
Temperature Range	-20°C to +70°C

Product Photo

