

HD28253

90° HYBRID AND COMBINER



FEATURES AND APPLICATIONS:

The HD28253 is a 90° hybrid that utilizes stripline design. It has low insertion loss, high isolation, good amplitude and phase accuracy, as well as high power handling.

The HD28253 brand band hybrid is mainly used for communication, EW, radar, navigation and field strength testing. It is also used for power combining, antenna feed networks as well as power splitting.

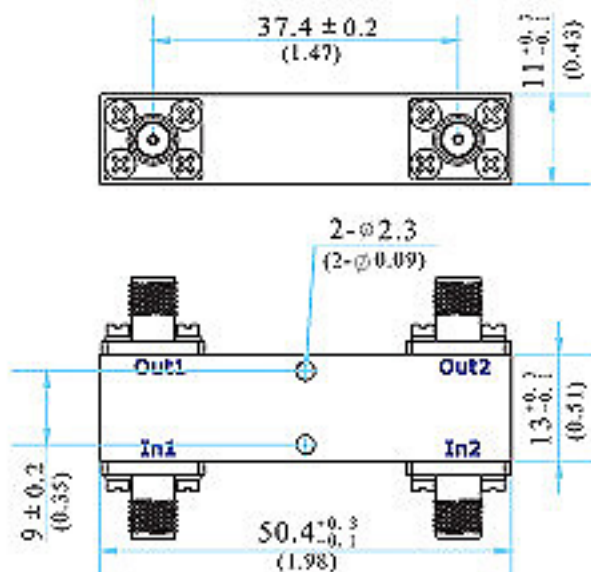
TECHNICAL SPECIFICATIONS:

Frequency Range	Insertion Loss	Isolation	VSWR	Amplitude Balance
1-2GHz	0.30dB	22dB	1.20	±0.5dB
Phase Balance	Connector	Power Handling		
±2°	SMA-F	50W		

ENVIRONMENTAL PARAMETERS:

OPERATING TEMPERATURE: -55~+85°C
 STORAGE TEMPERATURE: -55~+100°C

OUTLINE: $\frac{\text{mm}}{\text{(inch)}}$



dc TYPICAL PLOT:

