



# D38112 1.8 – 12 GHz 3-Way Power Divider

## FEATURES

- ❖ Low Insertion Loss
- ❖ Low VSWR
- ❖ High Isolation
- ❖ Excellent Amplitude & Phase Tracking

## SPECIFICATIONS

<b>1.8 – 12 GHz 3-Way Power Divider</b>	
Model Number	D38112
Frequency Range	1.8 – 12 GHz
Insertion Loss	0.9 dB Typ., 1.2 dB Max.
Isolation	20 dB Typ., 17 dB Min.
Input VSWR	1.35:1 Typ., 1.45:1 Max.
Output VSWR	1.25:1 Typ., 1.35:1 Max.
Amplitude Balance	0.1 dB rms Typ., 0.2 dB rms Max.
Phase Balance	2° rms Typ., 3° rms Max.
Power Handling As Divider	50 W CW
Connector Type	SMA Female
Operating Temperature	-55 °C To +125 °C

- Note 1. Special requirement for small size and light weight unit available on request.  
 Note 2. Insertion loss refers to the sum of output power to the input power  
 Note 3. Amplitude and phase balance are RMS value of all the paths at any frequency  
 Note 4. Power handling is under the condition that all outputs are connected to the loads with 1.25:1 or better VSWR

