



D218 DC – 18 GHz In-line Style 2-Way Resistive Power Divider

FEATURES

- ❖ Low Insertion Loss
- ❖ Low VSWR
- ❖ Excellent Amplitude & Phase Tracking
- ❖ Low Profile Package

SPECIFICATIONS

DC – 18 GHz In-line Style 2-Way Resistive Power Divider	
Model Number	D218
Frequency Range	DC – 18 GHz
Insertion Loss	1.0 dB Typ., 1.2 dB Max.
Input VSWR	1.20:1 Typ., 1.30:1 Max.
Output VSWR	1.20:1 Typ., 1.30:1 Max.
Amplitude Balance	0.10dB rms Typ., 0.15 dB rms Max.
Phase Balance	1.5° rms Typ., 2.5° rms Max.
Power Handling As Divider	2 W CW
Connector Type	SMA
Operating Temperature	-55 °C To +125 °C

Note 1. The standard connector is SMA female, other connector available on request

Note 2. The nominal Insertion loss of the resistive power divider is 6 dB

Note 3. Insertion loss is average actual loss above nominal loss

Note 4. Amplitude and phase balance are RMS value of all the paths at any frequency

Note 5. Power handling is under the condition that all outputs are connected to the loads with 1.25:1 or better VSWR

