



## D418 DC – 18 GHz In-line Style 4-Way Resistive Power Divider

### FEATURES

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

### SPECIFICATIONS

DC – 18 GHz In-line Style 4-Way Resistive Power Divider	
Model Number	D418
Frequency Range	DC – 18 GHz
Insertion Loss	1.35 dB Typ., 1.70 dB Max.
Input VSWR	1.35:1 Typ., 1.45:1 Max.
Output VSWR	1.25:1 Typ., 1.35:1 Max.
Amplitude Balance	0.25 dB rms Typ., 0.40 dB rms Max.
Phase Balance	2.8° rms Typ., 4.5° rms Max.
Power Handling As Divider	2 W CW
Connector Type	SMA Female
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 4-way resistive power divider is 12 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

