



## D212CT DC – 12 GHz 2-Way TNC T-Style Resistive Power Divider

### FEATURES

- ❖ Low Insertion Loss
- ❖ Low VSWR
- ❖ Excellent Amplitude & Phase Tracking
- ❖ Mounting Hole Option

### SPECIFICATIONS

DC – 12 GHz 2-Way TNC Connector T-Style Resistive Power Divider	
Model Number	D212CT
Frequency Range	DC – 12 GHz
Insertion Loss	1.20 dB Typ., 1.40 dB Max.
Input VSWR	1.20:1 Typ., 1.30:1 Max.
Output VSWR	1.15:1 Typ., 1.25:1 Max.
Amplitude Balance	0.10 dB rms Typ., 0.15 dB rms Max.
Phase Balance	1.0° rms Typ., 1.8° rms Max.
Power Handling	2 W CW
Connector Type	TNC Female
Operating Temperature	-55 °C To +85 °C

Note 1. The standard connector is TNC 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

