

Description:

The SWDL22030 combines signal switching and power division by integrating a fail-safe switch into a very small package. It is capable of operating over a temperature range of -25°C to +85°C to accommodate extreme, high altitude environments. Other features include a DC blocked RF path and a DC pass RF path. This part was designed to switch between two GPS receivers and two GPS antennas but it can be used in any application needing user controlled power division and signal routing between antennas and receivers. For more information please email info@trmmicrowave.com or call 603.627.6000.

Features:

- Broadband 3 dB
- Integrated SPDT fail-safe switch
- Dual function compact design

[modify or quote](#)



Electrical Properties:

Freq Range GHz	Insertion Loss (dB Max.)	VSWR (Max.)	Amp Bal (dB Max.)	Isolation Input-Output	Input Power (Watts Max.)
0.5 - 2.1	5	2.01:1	±0.6	20 dB	1 W CW

Modifications and custom design requests are available through our quoting process. [Modify this part or Request a Quote.](#)

Mechanical Specs:

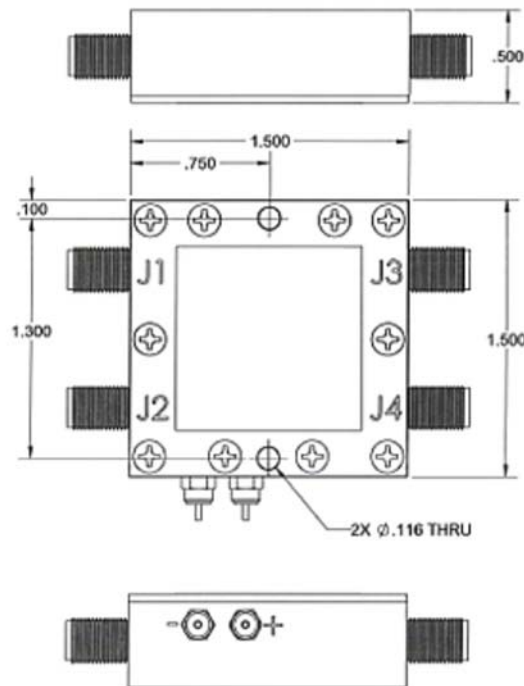
Finish: Chemical Conversion Coating per MIL-DTL-5541 Class 3 (optional paint available upon request)

Marking: All units supplied with P/N and date code on polyester label (special marking available upon request)

Electrical Test: All units tested on a Go/No-go basis (plotted data available upon request). Specifications indicated are subject to change. Unless otherwise specified, electrical properties correspond to use with standard SMA connectors.

Dimensions: All dimensions are expressed in inches, (1 inch = 25.4mm). All dimensions indicated are subject to change. Unless otherwise specified, tolerances for decimals are ±0.02 for .XX and ±0.005 for .XXX. Tolerances for angles are ±0°30'.

Temperature: Units designed to operate -25° to +85° C.



TRM Microwave's quality management system has been certified by Intertek Testing Services NA Inc. to the ISO 9001:2008 standard and complies with legacy military standards MIL-I-45208A and MIL-Q-9858. [View our certificate](#)