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TECHNOLOGY GROUP

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Power Dividers and Combiners

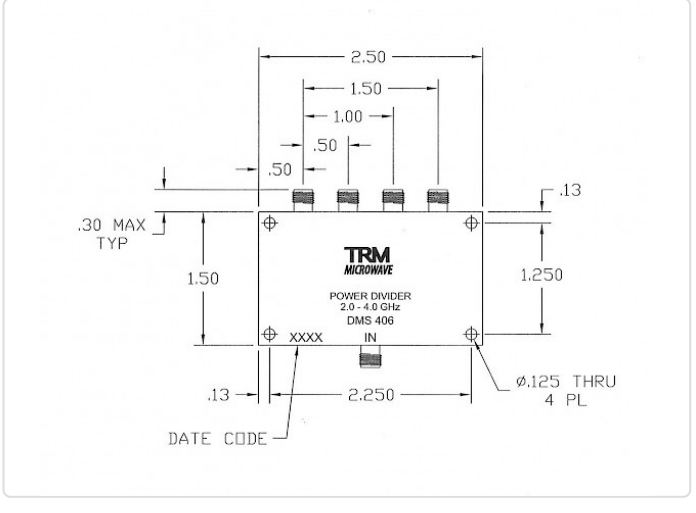
DMS406

4-Way Octave Dividers

This series uses a cascaded Wilkinson design approach realized with microstrip circuit construction. Units are designed to survive MIL-E-5400 environments. Modifications and custom design requests are welcome. Design package accommodates SMA, N, BNC and TNC connectors. Design modification may be necessary for non-SMA connectors.

FEATURES:

- Octave Bandwidth
- High Isolation
- Excellent Phase & Amplitude Balance
- Standard SMA Connectors (N, BNC, TNC optional)



Outline

Request a Quote

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 -55° to +85° C.

Product Specifications

General Parameters:	
Type:	4-WAY
Freq Range:	2-4 GHz
Insertion Loss:	0.5 dB
Isolation:	25 dB
VSWR1:	1.30:1
VSWR2:	1.30:1
Amplitude Bal:	0.2 dB
Phase Bal:	4 Degree
Input Power:	30 W

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