


Satcom Divider Trays

The Atlantic Microwave SDT series of Power Divider Trays provide a convenient-to-use signal splitter option, which is ready to install in a 19" rack system.

Standard models are available in 8, 16 or 32 ways, but custom split ratios can be provided, to cover transmit and receive frequencies in all commonly used satellite communication bands from L through to S, C, X, Ku, DBS, Ka to Q.

System cabling can also be provided from the Atlantic Microwave range – DC to 50GHz.

- L, S, C, X, Ku, DBS, Ka and Q Bands
- 8, 16 or 32 Way
- 19" Rack Mount
- Wide Choice of Connectors
- Easily Installed
- High Isolation Input and Output Options



Operating frequency range, L through to S, C, X, Ku, DBS, Ka to Q band.



Standard division 8, 16 or 32 ways




Power
10 watts into 1.2:1 Load VSWR

General Specifications	
Impedance	50 ohms
Design	Wilkinson, Stripline
Circuit	PTFE Based
Housing	19" Rack
Connectors	SMA Female for L, S, C, X, Ku & DBS Bands 2.92mm for Ka Band 2.41mm for Q Band
Outline Drawings	Available on request

Power	
Power as a Divider	10 watts into 1.2:1 Load VSWR

Physical	
Size	19" x 1U x 13.3" (343mm) including Connectors and Protrusion

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

Environmental	
Operating Temperature	-40 to +70C

