

SM3400W50S0-2 SM3400 Transmitter/ Divider Unit



The **SM3400 'divider unit'** was specifically designed to enable **two transmitters to transmit simultaneously**, without the use of switching circuitry. The passive unit can operate **138-158MHz**. With an **insertion loss of less than -0.4dB*** and isolation port to port of **less than -25dB across 50MHz bandwidth** this unit offers a great performance against active switch units. This unit can be custom built to **support frequencies within 70MHz to 2.4GHz**. Please contact us for more options.

Technical Specifications

Part No.	SM3400W50S0-2	SM3400W25S0-2	SM3400W10S0-2
Frequency Range (MHz)	138 – 158MHz		
Band	TETRA x 2		
Impedance	50Ω		
Max Power Input	Whip 50W Internal Elements	Whip 25W Internal Elements	Whip 10W Internal Elements
Insertion Loss	<0.4dB*		
VSWR	<1.2:1		
Port Isolation	>25dB		
Connection	SMA (f)**		
Operating Temp. (°C)	-20°C to +60°		

*Excluding combining losses. **Custom Connection Configurations available.

Subject to change.

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