

Receive Antenna Line Couplers

130-180MHz, 380-550MHz and 746-960MHz
SPxxx-4440-NNLP1RU



These non-intrusive in-line 4-port directional couplers are used for coupling test tones into Rx antenna system in forward and reverse directions using Site Vantage's internal signal generator. These test tones and their reflection from the receive antenna are then used by Site Vantage to perform several advanced tests including the receive antenna's VSWR measurement.

These couplers have a low insertion loss, and all ports are N(f).

Features:

- Suitable for coupling test tones into receive antenna system
- Compact design
- 1RU 19" rack mounting
- Low VSWR
- Minimal insertion loss



Technical Specifications

Model Number		SPxxx-4440-NNLP1RU		
Model Number Frequency Derivative (SPxxx)		SP1318-4440-NNLP1RU	SP3855-4440-NNLP1RU	SP7496-4440-NNLP1RU
Frequency Range MHz		130-180	380-550	746-960
Insertion Loss (max) dB		0.5	0.3	0.5
Input and Output Return Loss (min) dB		19		
VSWR (max)		1:1.25		
Coupling Loss dB		40dB (+/- 1)		
Input Power (max) W		50		
Directivity (min) dB		27		
Impedance Ohm		50		
Connectors		N(f)		
Mounting		1RU 19" rack mounting		
Net Dimensions mm / in	H	43.60 / 1.71		
	W	483 / 19		
	D	53 / 2.08	51.4 / 2.02	53 / 2.08
Operational temperature range C / F		-25° to +65° / -13° to 149°		
Compliance		RoHS		

Ordering Information

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