

Public Safety Power Splitters

138-960 MHz, 50W, N-Female

ventev®

Connect, Protect, and Enable™

Ventev's Wilkinson power splitters cover 138-960 MHz supporting Public Safety P25, DMR and TETRA in VHF and UHF, 700/800, FirstNet as well as 850/GSM 900. This power splitter offers reliable design with improved return loss and insertion loss as well as lower PIM (-153 dBc). It is suitable for indoor and outdoor applications (IP65). The lightweight and compact design allows easy installation. This splitter includes a N-type female connector.

Products

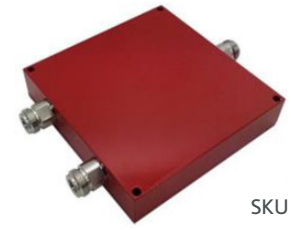
2-way Splitter	MFG #: VEN-S196-2-NF	SKU: 604516
3-way Splitter	MFG #: VEN-S196-3-NF	SKU: 604515
4-way Splitter	MFG #: VEN-S196-4-NF	SKU: 604514

Electronic Specifications

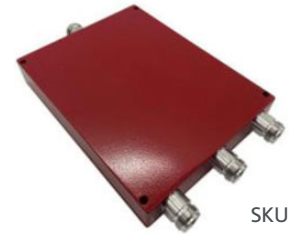
	2-way	3-way	4-way
Operating Frequency		138-960 MHz	
Split Loss	3.0 dB	4.8 dB	6.0 dB
Insertion Loss	≤0.5 dB	≤1.0 dB	≤0.8 dB
Port-to-Port Isolation	≥18 dB	≥18 dB	≥17 dB
VSWR	≤1.3 dB	≤1.3 dB	≤1.3 dB
PIM, 3 rd Order, at 2*43 dBm		≤-153 dBc	
Average Power		50 W	
Impedance		50 Ohms	
Connectors		N-Female	

Mechanical Specifications

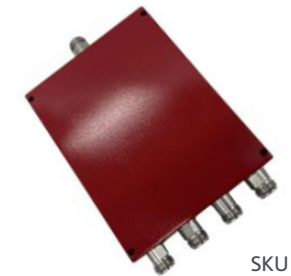
	2-way	3-way	4-way
Dimensions (L x W x D)	6.2 x 4.8 x 0.9 in.	4.8 x 6.2 x 0.9 in.	4.8 x 6.2 x 0.9 in.
Product Weight	1.3 lbs.	2 lbs.	2.4 lbs.
Color		Red	



SKU 604516



SKU 604515



SKU 604514

Environmental Specifications

Application	Indoor / Outdoor
Operating Temperature	-31°F to 185°F
Operating Humidity	Up to 95%



All product specifications are subject to change without notice or obligation.

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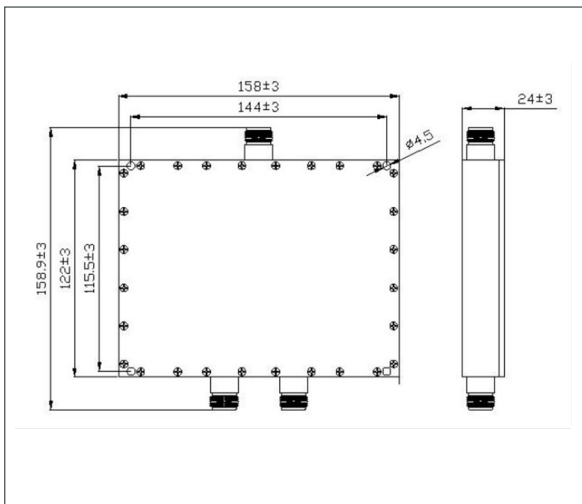
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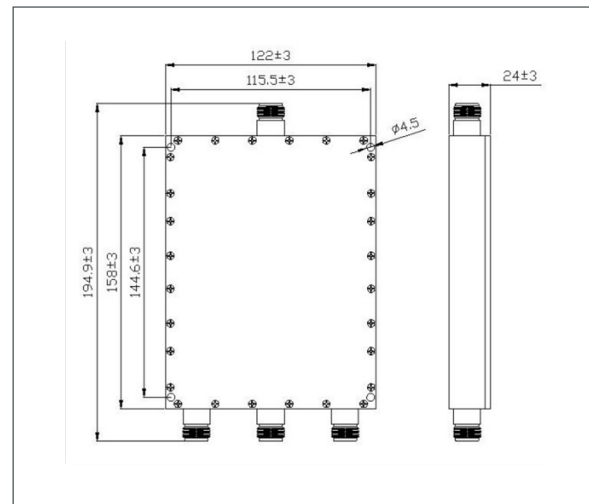
Features & Benefits

- Wilkinson Power Splitter for Public Safety Bands covering 138-960 MHz.
- Supports Public Safety P25, TETRA, DMR technologies in UHF, VHF and 700/800 MHz as well as GSM bands.
- Highly reliable and Low-PIM (-153 dBc) design with improved return loss (VSWR) and insertion loss.
- Suitable for indoor and outdoor applications (IP65).

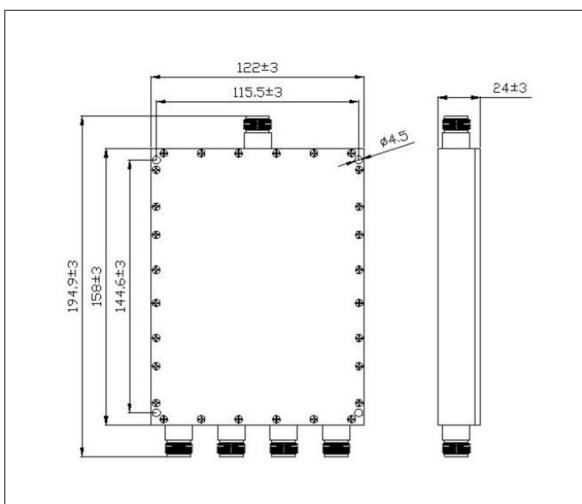
Product Information



2-way | SKU 604516



3-way | SKU 604515



4-way | SKU 604514



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