

Ultra-Wideband Reactive Splitters

350-6000 MHz, Ultra-Low PIM (-161 dBc)

ventev®

Connect, Protect, and Enable™

Ventev's Ultra-Wideband Reactive Splitters cover 350-6000 MHz of frequency range and supports public safety bands in UHF, FirstNet, 700/800 MHz, 4G LTE, and 5G bands. Highly reliable design evenly distributes high power signals with minimal insertion and return losses while offering ultra-low PIM (-161 dBc). It is suitable for indoor and outdoor design (IP65). Available in N-Female and 4.3-10 Female Connectors.

Features & Benefits

- Reactive type ultra-wideband power splitter ideal for in-building Public Safety and Commercial DAS deployments.
- Supports Public Safety, 700/800, 4G LTE, 5G NR bands.
- Evenly distributes high power signals with improved return loss (VSWR) and insertion loss.
- 500 W power rating and ultra-low PIM (-161 dBc).
- Suitable for indoor and outdoor applications (IP65).
- Mounting bracket included.

Splitters with N-Type Female Connectors

Description	MFG Part #	SKU
2-Way Splitter with N-Type Female Connector	VEN-2WHP-360-NF	607984
3-Way Splitter with N-Type Female Connector	VEN-3WHP-360-NF	607982
4-Way Splitter with N-Type Female Connector	VEN-4WHP-360-NF	607981

Splitters with 4.3-10 Female Connectors

Description	MFG Part #	SKU
2-Way Splitter with 4.3-10 Female Connector	VEN-2WHP-360-4F	607983
3-Way Splitter with 4.3-10 Female Connector	VEN-3WHP-360-4F	607979
4-Way Splitter with 4.3-10 Female Connector	VEN-4WHP-360-4F	607980



2-Way Splitter



3-Way Splitter



4-Way Splitter



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

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Specifications

Splitter Type	2-Way	3-Way	4-Way
Operating Frequency Band	350-6000 MHz		
Split Loss (dB)	3.0	4.8	6.0
Insertion Loss (dB)	≤0.3 (350-2700 MHz)	≤0.5 (350-2700 MHz)	≤0.6 (350-2700 MHz)
	≤0.5 (2700-4200 MHz)	≤0.65 (2700-4200 MHz)	≤0.75 (2700-4200 MHz)
	≤0.5 (4900-6000 MHz)	≤1.15 (4900-6000 MHz)	≤1.15 (4900-6000 MHz)
VSWR	≤1.35	≤1.35 (350-2700 MHz)	≤1.35 (350-2700 MHz)
		≤1.4 (2700-6000 MHz)	≤1.45 (2700-6000 MHz)
PIM, 3rd Order	≤-161 dBc @2*43 dBm		
Power	500 W (Average), 2000 W (Peak)		
Nominal Impedance	50 Ohms		
Connectors	N-Female or 4.3-10 Female (see table on page 1)		
Dimensions (excluding connectors)	12.3 x 1.0 x 1.0 in.	13.5 x 1.0 x 1.0 in.	14.7 x 1.0 x 1.0 in
Weight	1.3 lbs.	2 lbs.	2.4 lbs.
Material	Connector: Brass w/ tri-alloy plating Housing: Powder coated aluminum		
Color	Black		
Operating Temperature	-25.6° to 149 °F		
Operating Humidity	Up to 95%		
Application	Indoor & Outdoor, IP65		

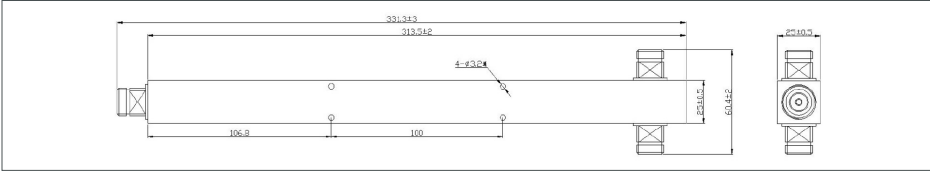


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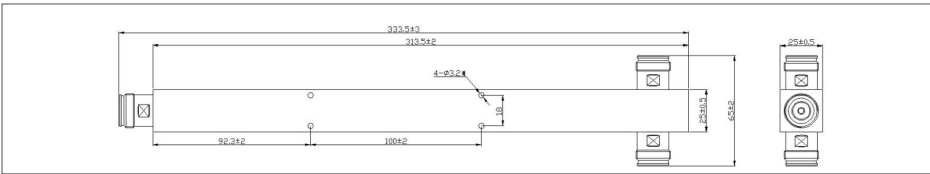
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2-Way Splitters

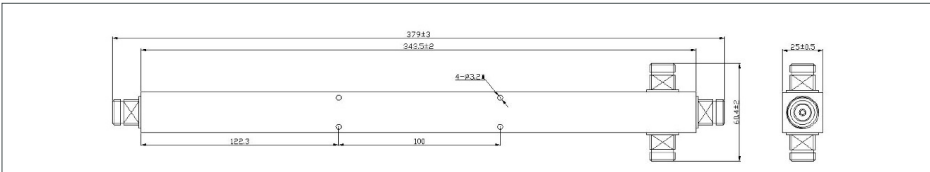


N-Type Female Connector

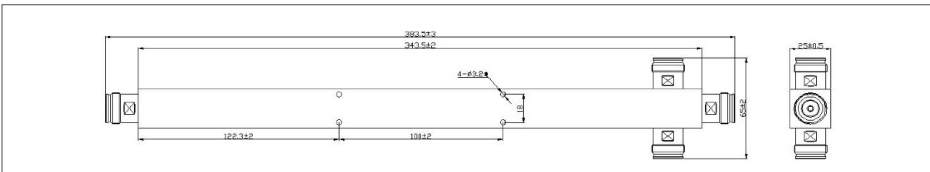


4.3-10 Female Connector

3-Way Splitters

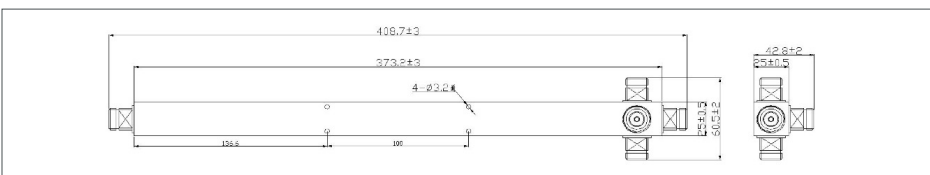


N-Type Female Connector

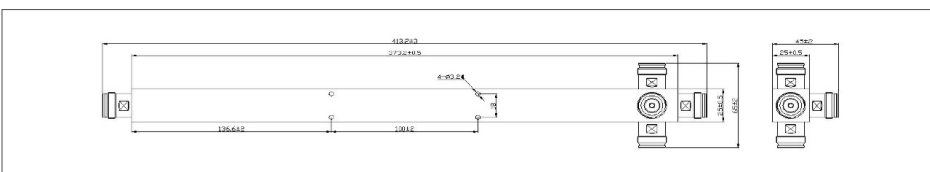


4.3-10 Female Connector

4-Way Splitters



N-Type Female Connector



4.3-10 Female Connector



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