

360°

HPOL

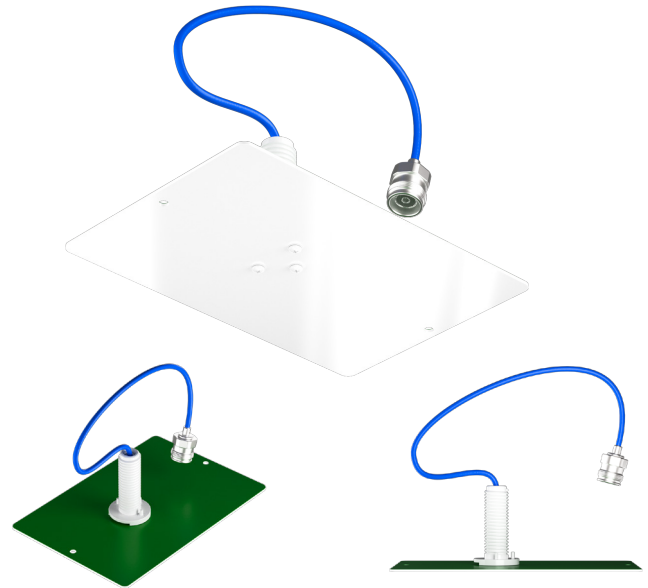
SISO

PCB ULTRA-THIN RECTANGULAR

## TRO1-VU0

### Features

- Wideband omni antenna covering 617-5925 MHz
- SISO
- PCB ultra-thin rectangular shape
- Thru-mount for normal tile surface mount and hard surface applications



### ELECTRICAL SPECIFICATIONS All Bands

Frequency Bands (MHz)		617-5925												
		617-649	650-697	698-806	824-894	894-960	1695-1890	1890-1910	1910-2200	2200-2500	2500-2690	3300-3549	3550-4200	5150-5925
Polarization		Horizontal												
Gain	Max	3.6 dBi			4.2 dBi			4.5 dBi		4.3 dBi		5.4 dBi		
	Average	3.0 dBi			3.8 dBi			4.3 dBi		4.0 dBi		4.6 dBi		
Azimuth Beamwidth		Omni 360°												
Impedance		50Ω												
VSWR		1.6:1	1.4:1	1.4:1	1.4:1	1.55:1	1.8:1	1.65:1	1.8:1	1.8:1	1.7:1	1.4:1	1.4:1	1.75:1
Return Loss (dB) Max		-12.7	-15.6	-15.6	-15.6	-13.3	-10.8	-12.2	-10.8	-10.8	-11.7	-15.6	-15.6	-11.3
PIM @ 2x43 dBm		< -153 dBc										N/A		
Maximum Input Power		20 W per port												

### MECHANICAL SPECIFICATIONS

Dimensions	209.6 Length x 127 Width x 1.58 Height mm (8.25 Length x 5.0 Width x 0.062 Height in)
Net Antenna Weight	0.1134 kg (0.25 lbs)
Operating Temperature	-40° to +60° C (-40° to +140° F)
Application	Indoor
Connector Type	1x 4.3-10 Female with 12-inch length plenum rated pigtail
Connector Torque	5 N-m (44.25 lbf-in or 3.7 lbf-ft)
Mounting	Ceiling or hard surface mount

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.