



ProSig Wi-Fi 7 / Wi-Fi 8 Tri-Band Directional Antennas

2x2 and 4x4 MIMO Panel Antennas
2.4-2.5, 4.9-6.0 & 6.0-7.125 GHz

ProSig 2.4-2.5, 4.9-6.0, 6.0-7.125 GHz tri-band directional array panel antennas are specially designed to complement interior or exterior mounted Wi-Fi 7 and Wi-Fi 8 wireless network systems.

The antennas are supplied with integrated RG58LL plenum-rated cables with RP-SMA connectors for ease of installation.

The supplied mounting bracket allows for either pole/mast mounting or direct wall mount configurations.

FEATURES AND BENEFITS

- Tri-band Wi-Fi coverage including Wi-Fi 7 / Wi-Fi 8 and legacy Wi-Fi 4/5/6
- 2x2 and 4x4 MIMO options
- High performance beam pattern
- Pole/mast and wall mountable with supplied mounting hardware

APPLICATIONS

- WLAN / Wi-Fi Coverage - Wi-Fi 8 (802.11bn), Wi-Fi 7 (802.11be), Wi-Fi 6E (802.11ax), Wi-Fi 6 (802.11ax), Wi-Fi 5 (802.11ac), Wi-Fi 4 (802.11n), 802.11b/g
- U-NII bands 1-8
- Automation and control
- Outdoor and indoor applications

ELECTRICAL SPECIFICATION			
Operating Frequency (MHz)	2400-2500	4900-6000	6000-7125
Peak Gain - Max (dBi)	6.1	6.1	5.4
Total Efficiency Average (%)	64	68	60
Average 3 dB Beamwidth (°) Azimuth	79	83	80
Average 3 dB Beamwidth (°) Elevation	79	79	78
Port Isolation (dB)	20	25	23
VSWR - Average	<2.0:1		
Nominal Impedance (Ohms)	50		
Input Max Power (W)	2		
Polarization	Linear, Dual-Slant ±45°/ ±135°		

Downloaded from Arrow.com.

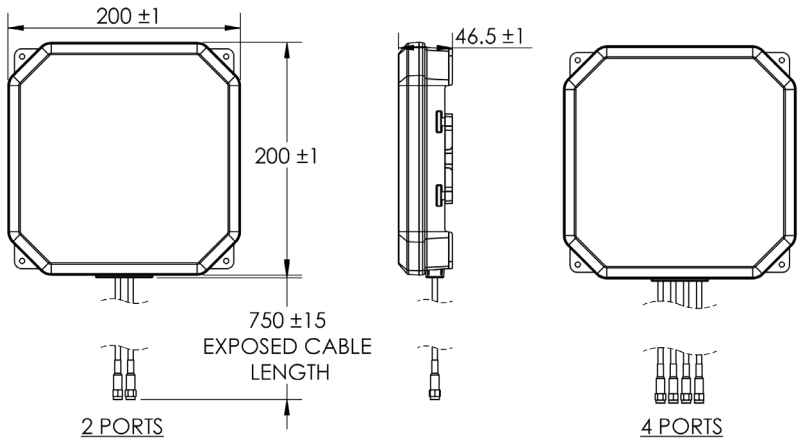
MECHANICAL SPECIFICATION	
Dimensions – L x W x H – mm (in.)	200 x 200 x 46.5 (7.87 x 7.87 x 1.83)
Weight – kg (lbs.)	2-Port - 0.43 (0.95) 4-Port - 0.54 (1.19)
Radome	ASA, Luran S 788T, UV (White)
Cable	75±0.8 cm PLENUM RATED RG58LL
Connector	RP-SMA
Ingress Protection	IP67
Wind Loading mph (kph)	135 (217)
Vibration	IEC 60068-2-64 (Vibration, broad-band random)
Shock	IEC 60068-2-27
Earthquake	IEC 60068-2-6 [Fc]
Drop Test - Radome	Drop freely from a height of 1m, 5 times, 1 drop per side
Pull Test - Cable	20lbs straight pull with antenna held fixed

ENVIRONMENTAL SPECIFICATION	
Operating Temperature – °C (°F)	-50 to +70°C (-58 to +158°F)
Storage Temperature – °C (°F)	-50 to +85°C (-58 to +185°F)
Material Substance Compliance	RoHS Compliant CE & UKCA

PART NUMBER CONFIGURATIONS

PART NUMBER	DESCRIPTION	CABLE	CONNECTOR	UNIT WEIGHT
L000684-03	2x2 MIMO: 2.4-2.5, 4.9-6.0, 6.0-7.125 GHz	RG58LL, 75CM ± 1.5	2 x RP-SMA	0.43 kg (0.95 lbs)
L000684-04	4x4 MIMO: 2.4-2.5, 4.9-6.0, 6.0-7.125 GHz	RG58LL, 75CM ± 1.5	4 x RP-SMA	0.54 kg (1.19 lbs)

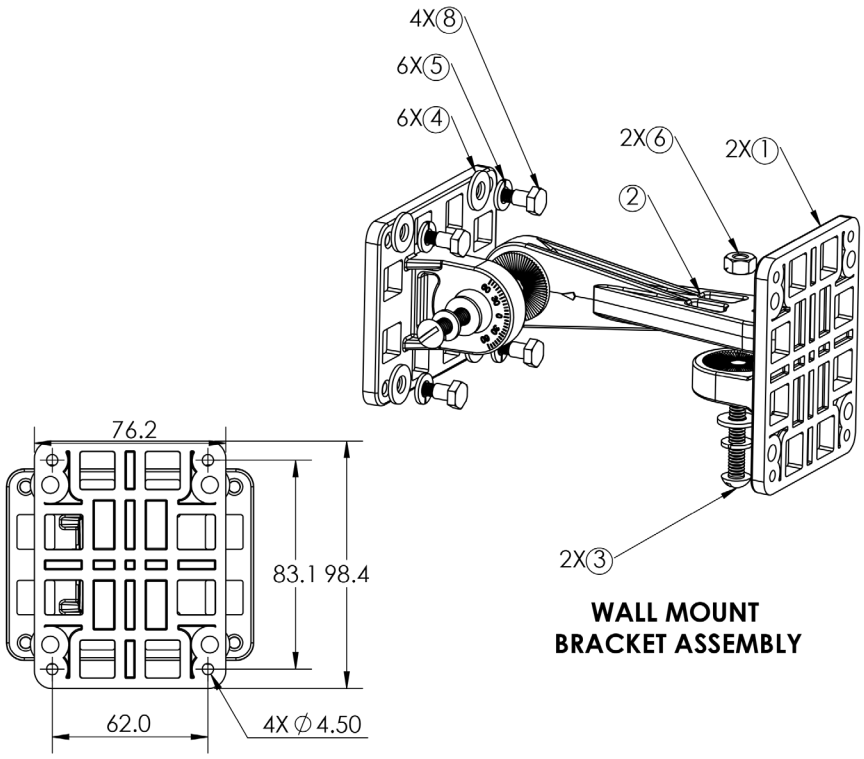
MECHANICAL DRAWINGS



Downloaded from Arrow.com.

MOUNTING OPTIONS USING SUPPLIED HARDWARE

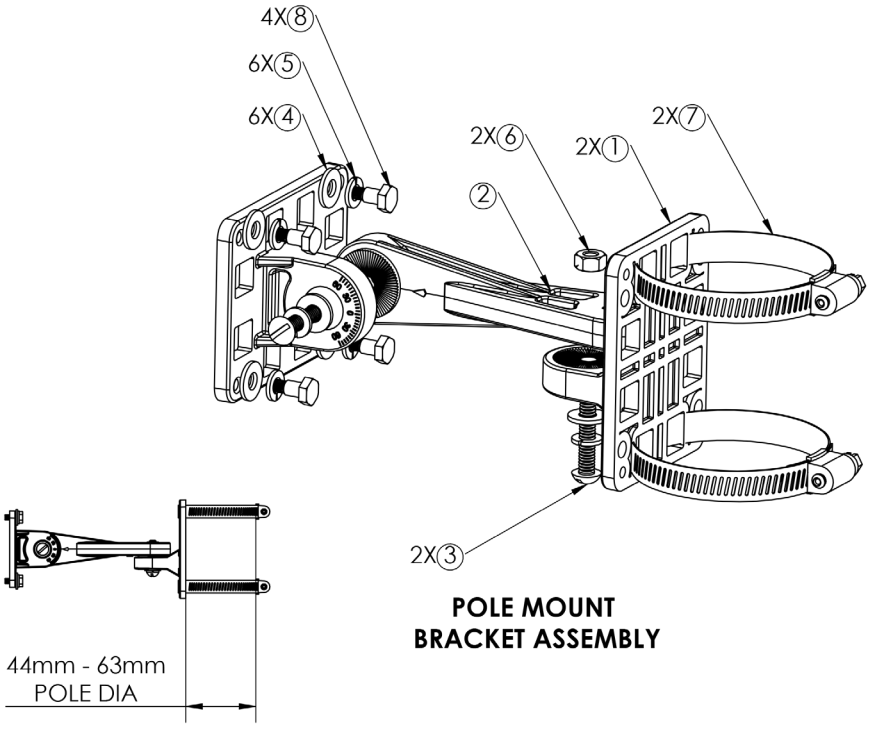
WALL MOUNT



WALL MOUNT BRACKET ASSEMBLY



POLE/MAST MOUNT



POLE MOUNT BRACKET ASSEMBLY

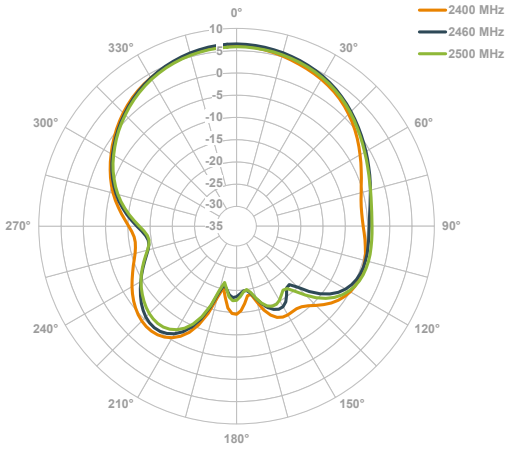


Downloaded from Arrow.com.

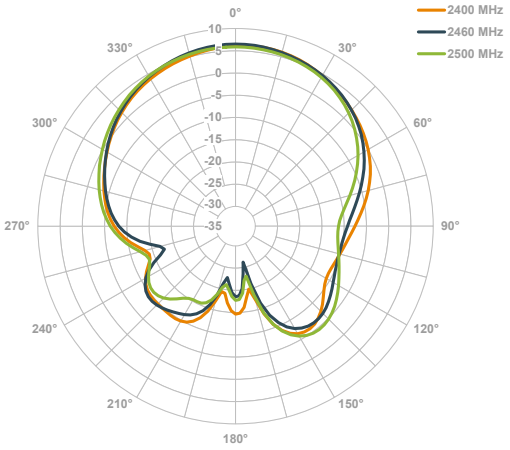
RADIATION PATTERNS

Radiation Patterns at 2.4 - 2.5 GHz

El. Plane 1 (Phi 0°)

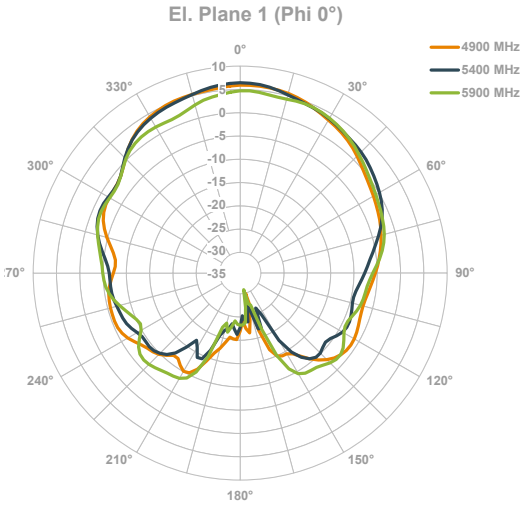


El. Plane 2 (Phi 90°)

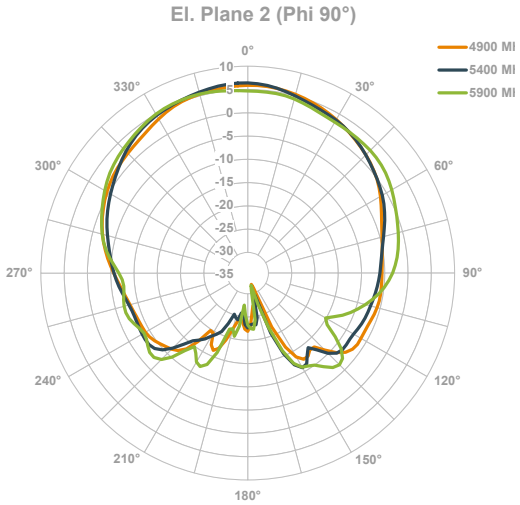


Radiation Patterns at 4.9 - 6.0 GHz

El. Plane 1 (Phi 0°)

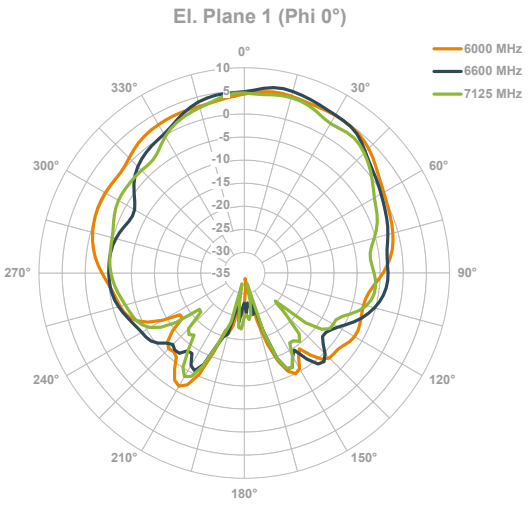


El. Plane 2 (Phi 90°)

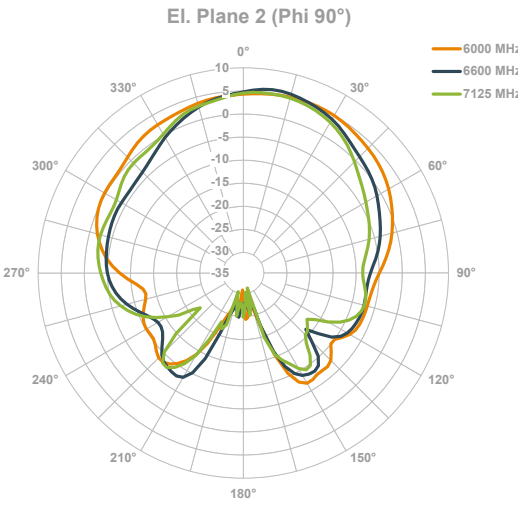


Radiation Patterns at 6.0 - 7.125 GHz

El. Plane 1 (Phi 0°)

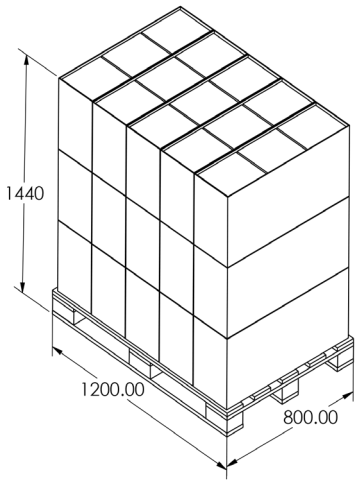


El. Plane 2 (Phi 90°)

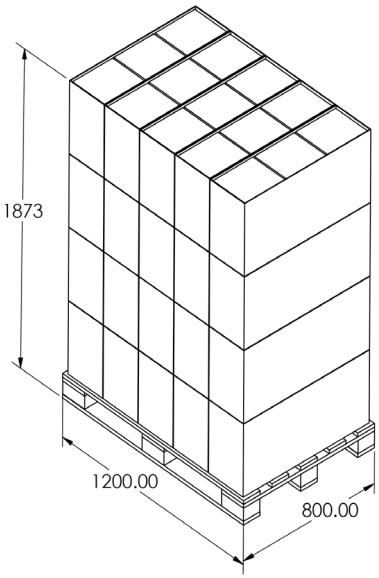


Downloaded from Arrow.com.

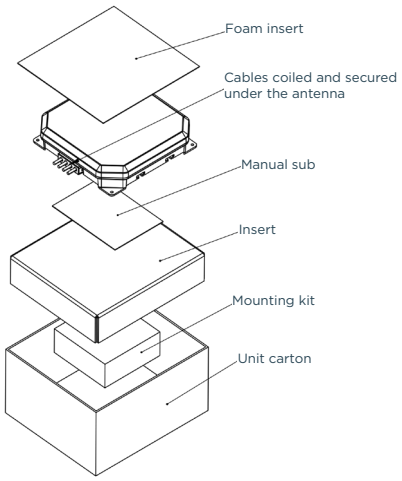
PACKING INFORMATION



Air Shipment



Ocean Shipment



PACKAGED DIMENSIONS	Unit Carton	MASTER CARTON	AIR PALLET	OCEAN PALLET
Number of Antennas	1	9	135	180
Height mm (in)	13.4 (5.3)	43.0 (16.9)	144.0 (56.7)	187.3 (73.7)
Length mm (in)	24.4 (9.6)	77.0 (30.3)	120.0 (47.2)	120.0 (47.2)
Width mm (in)	21.4 (8.4)	23.0 (9.1)	80.0 (31.5)	80.0 (31.5)
Est. Shipping Weight kg (lbs.)	0.8 (1.8)	7.2 (15.9)	108.0 (238.1)	144.0 (317.5)

TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

te.com

TE, TE Connectivity, TE connectivity (logo), and EVERY CONNECTION COUNTS are trademarks owned or licensed by the TE Connectivity plc family of companies. Other product names, logos, and company names mentioned herein may be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, complete, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event will TE be liable for any direct, indirect, incidental, special or consequential damages arising from or related to recipient's use of the information. It is the sole responsibility of recipient of this information to verify the results of this information using their engineering and product environment. Recipient assumes any and all risks associated with the use of the information. Antenna performance may vary. TE is a component manufacturer, and customer and/or end-user is responsible for all end-use compliance and regulatory requirements, as well as suitability for end use determinations (including determining suitability of any mounting/adhesive solution). These marketing materials do not constitute an offer or agreement of sale, and TE Connectivity shall be bound by and subject to only those terms and conditions set forth in a written agreement referencing specific products and signed by an authorized representative of TE.

©2026 TE Connectivity. All Rights Reserved.

10/26 Original

Downloaded from Arrow.com.