QDPA-698-2690-15.5-4

698~960 & 1710~2690MHz, 15.5dBi

Features:
* Broadband

Applications:
* Wireless
* Transceiver
* Laboratory Test
* Broadcast

Electrical

Frequency:	698~960 & 1710~2690MHz
Electrical Downtilt:	2-12°
1st Upper Sidelobe Suppression:	15dB min.
Front-to-Back Ratio:	25dB min.
Cross-Polar Discrimination:	15 (0°) dB min.
Isolation:	26dB min.
VSWR:	1.5 max.
IM3:	-150dBc max. @2*43dBm carrier
Impedance:	50Ω
Ground Protection:	DC Grounding
Polarization:	±45°

	Frequency (MHz)	Gain (dBi)	Horizontal Power Beam Width (°)	Vertical Power Beam Width (°)	Power (W max.)
L*1	698-896	15.5±0.5	67±6	10±1.5	250
	870-960	16±0.5	63±5	8.5±0.7	
H*2	1710-2200	16.7±0.5	68±7	7.5±0.5	200
	2200-2490	17.4±0.6	65±7	6.5±0.5	
	2490-2690	17.5±0.6	58±5	6±0.5	

Mechanical

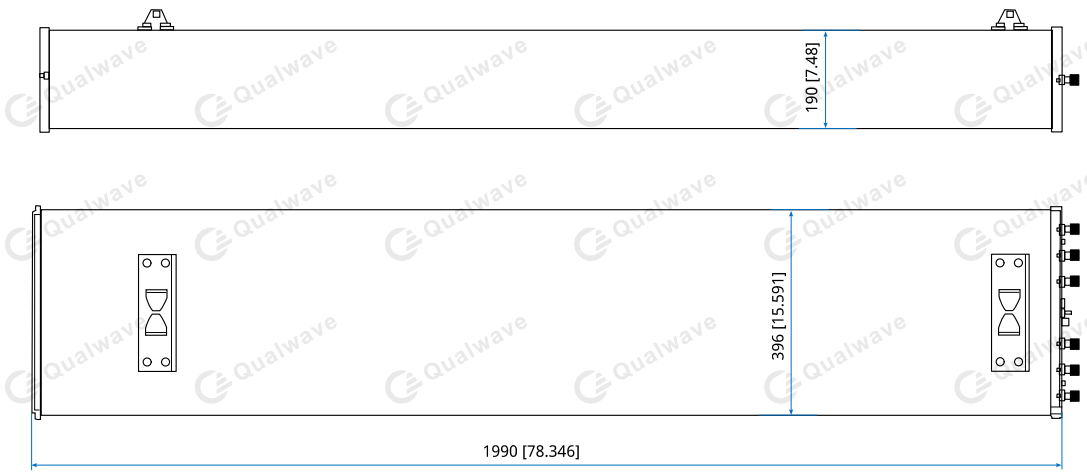
Size[*1]:	1990*396*190mm 78.346*15.591*7.48in
Connectors:	4.3-10 Female
Antenna Weight:	21(±15%)kg
Bracket Weight:	4.5kg
Radome Material:	Fiberglass
Radome Color:	Gray
Mechanical Tilt:	0-12°
Suitable Pole Diameter:	Φ50-Φ115mm
Mounting Kit:	JM-900DZB-A
RET Type:	Integrated RET, Replaceable
Control Model:	RCU

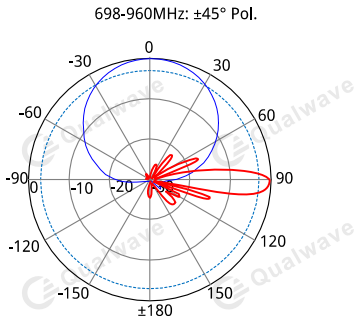
[1] Exclude connectors.

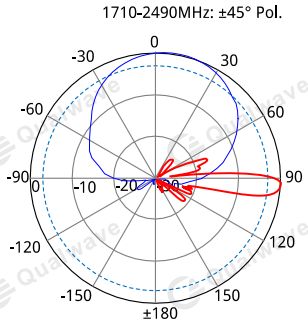
Environmental

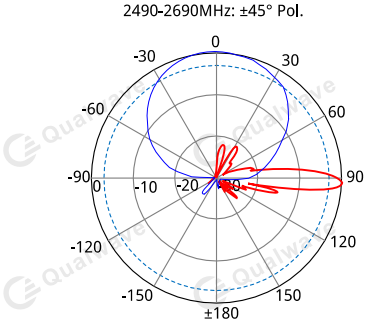
Operation Temperature:	-40~+60°C
Rated Wind Velocity:	60m/s

Outline Drawings









Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.