

Type SAW1726-01

Frequency Range	1710-2690x2
Polarization	±45°
Half-Power Beam Width	65°
Electrical Downtilt	2° - 12°

Electrical Specifications

Frequency Range (MHz)	1710-2690 (x2)		
	1710-1920	1920-2200	2200-2690
Polarization	±45°		
Gain (dBi)	16.0	16.3	16.7
Horizontal Pattern			
Half-Power Beamwidth (deg)	68	65	62
Front-to-Back Ratio	≥ 25dB		
Vertical Pattern			
Half-Power Beamwidth (deg)	8	7	6
Electrical Downtilt Range	See options below		
1st Upper Sidelobe Suppression	≤ -15dB		
VSWR / Return Loss	≤ 1.5 / ≤ -14dB		
In-Band Isolation Port to Port	≥ 25dB		
Intermodulation (IMD3)	≤ -150dBc (2x43dBm carrier)		
Max. Power per Input	200 W (at 50 °C ambient temperature)		
Impedance	50 Ω		
Lightning Protection	DC ground		

Note: All the values are according to NGMN Alliance BTS Standards calculating recommendation.

Mechanical Specifications

Connector	4 x 7-16 DIN(F)
Connector Position	Bottom
Radome Material	ASA
Radome Color	Gray
Operating Temperature	-40°C ~ 65°C
Humidity	95% RH@+30 °C
Rated Wind Speed	200 km/h, 125 mph
Rated Wind Loading (Rear)	600 N @160km/h
Mounting Hardware	Φ50 ~ Φ115 mm
Antenna Weight	16 kg
Packing Weight	21 kg
Antenna Size (LxWxH)	1380 x 319 x 127 mm
Packing Size (LxWxH)	1540 x 437 x 316 mm

RET Specifications

Input voltage range	10-30 V
Power Consumption	< 1 watt (standby)
Protocols Compliant	3GPP / AISG 2.0 / AISG 1.1

Electrical Angle Tilt Range

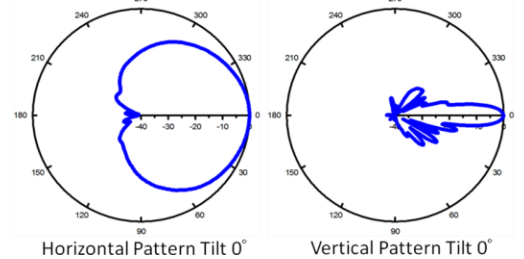
2C	2° ~ 12°
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Electrical Tilt adjustment

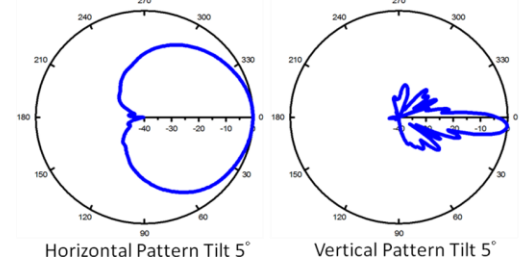
RET (1 AISG M/F interface per antenna) (daisy chain inside)



1710-2690 MHz +45° / -45° Polarization(1710MHz)



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