

**Type Tri-Sector TS1726-01**

Frequency Range	1710-2690x3
Polarization	±45°
Half-Power Beam Width	65°
Electrical Downtilt	2° - 12°

**Electrical Specifications**

Frequency Range (MHz)	1710-2690 (x3)		
	1710-2200	2200-2490	2490-2690
Polarization	±45°		
Gain (dBi)	13.3	13.6	14
<b>Horizontal Pattern</b>			
Half-Power Beam Width	67	65	63
Front-to-Back Ratio	≥ 25dB	≥ 25dB	≥ 25dB
<b>Vertical Pattern</b>			
Half-Power Beamwidth	14	12	11
Electrical Downtilt Range	See options below		
1st Upper Sidelobe	≤ -15dB	≤ -15dB	≤ -15dB
VSWR / Return Loss	≤ 1.5 / ≤ -14dB		
In-Band Isolation Port to Port	≥ 25dB		
Intermodulation (IMD3)	≤ -142dBc (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	6 × 4.3-10-Female
Connector Position	Bottom
Radome Material	Fiberglass
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)	300N@160 km/h
Mounting Hardware	Flange
Antenna Weight	9 kg
Packing Weight	11 kg
Antenna Size (LxWxH)	1022 x 205 x 205 mm
Packing Size (LxWxH)	1125 x 295 x 295mm

**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**

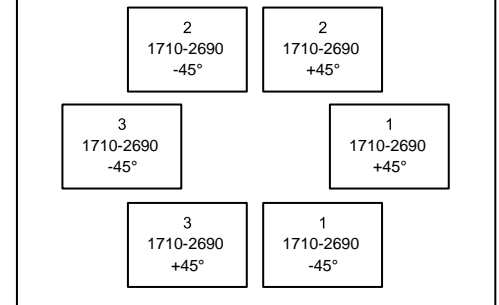
2C 2° ~ 12°

**Electrical Tilt adjustment**

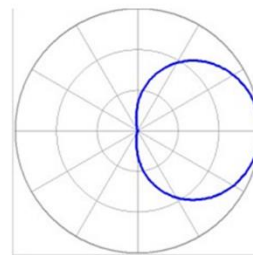
External RET



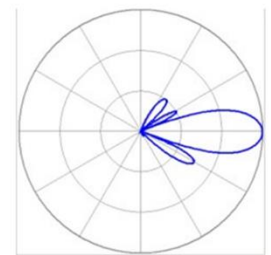
**Connector**



**1710-2690MHz +45°/-45° Polarization (1805MHz)**

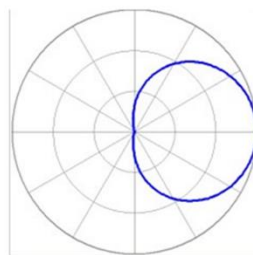


Horizontal Pattern Tilt2°

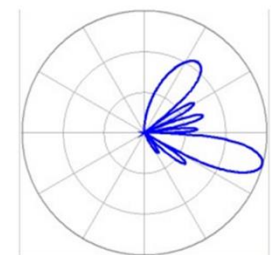


Vertical Pattern Tilt 2°

**1710-2690MHz +45°/-45° Polarization (1805MHz)**



Horizontal Pattern Tilt16°



Vertical Pattern Tilt 16°