

### Specifications

Frequency Range (MHz)	1710-2690 (x3)		
	1710-2200	2200-2490	2490-2690
Polarization	±45°		
Gain (dBi, ±1dB)	17	17.5	17.5
<b>Horizontal Pattern</b>			
Half-Power Beam Width (±6°)	66	64	61
Front-to-Back Ratio(180°±30°)	≥ 25 dB	≥ 25 dB	≥ 25 dB
Cross-polar Ratio 0° Sector ±60°	≥ 15 dB Typically : 10 dB		
<b>Vertical Pattern</b>			
Half-Power Beam Width (±1°)	7	6	5.5
Electrical Tilt	0°-10°, continuously adjustable		
Sidelobe Suppression For First Sidelobe Above Main Meam	<-18dB	<-18dB	<-18dB
VSWR	< 1.5/ <-14dB		
In-Band Isolation Port to Port	≥ 25dB		
Inter-Band Isolation	≥ 30dB		
Intermodulation IM3	<-150dBc (2x43dBm carrier)		
Max. Power Per Input	250W (at 50°C ambient temperature)		
Impedance	50Ω		
Lightning Protection	DC ground		

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

### Mechanical Specifications

Connector	6 × 7-16 DIN-Female
Connector Position	Bottom
Radome Material	Fiberglass/UPVC/ASA
Radome Color	Gray
Operating Temperature	-40°C~65°C
Humidity	95% RH@+30 °C
Rated Wind Speed	201 km/h, 125 mph
Rated Wind Loading (Rear)	800 N@200 mph
Mounting Hardware	Φ 50mm~Φ 115mm
Mechanical Downtilt Range (°)	0° ~ 20°
Antenna Weight	25.9Kg
Packing Weight	31.5Kg
Height/Width/Depth	1415 / 394 / 144 mm
Packing Size	1640 / 512 / 296 mm

### Options

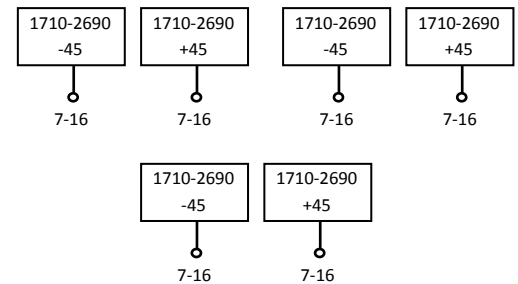
Internal RET	
Input voltage range	10-30 V
Power Consumption	<1 watt (standby) <8.5 watts (motor activated)
Protocols Compliant	3GPP/ASIG2.0/ASIG1.1
Mounting kit models	MKT20-V100

### Internal Mounted Smart Bias "T"

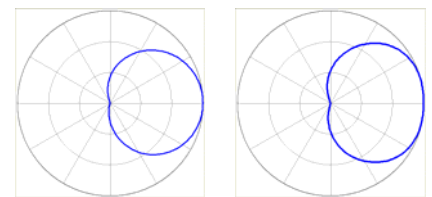
Note: F: For antenna with fixed tilt.

R: For antenna with remote adjustable.

M: For antenna with manual adjustable.



Horizontal Pattern



Vertical Pattern

