

Main Features

- Low VSWR, high isolation
- Low PIM, low insertion loss
- Compact design for easy installation
- Customized band is available



Electrical Specifications

Items	Value	
Frequency	SMART	GSM1800: 1735-1750/1830-1845 MHz
		LTE1800-1: 1717.5-1732.5/1812.5-1827.5 MHz
		LTE1800-2: 1760-1785/1855-1880 MHz
		LTE2100: 1920-1945/2110-2135 MHz
		LTE2300: 2300-2395 MHz
		LTE2600: 2500-2627 MHz
	GLOBE	GSM900: 880-915/925-960MHz
		LTE1800: 1710-1785/1805-1880 MHz
		GSM1800: 1710-1785/1805-1880 MHz
		UMTS 2100: 1945-1975/2135-2165 MHz
		LTE2300: 2300-2395 MHz
		LTE2600: 2500-2627 MHz
Return loss	≤-18dB for BTS ports	
Insertion loss	≤8.5 dB (For 1800)	
	≤5.5dB (For 2100)	
	≤5.0dB (For others)	
Isolation		
Same bands:	40dB minimum (For 1800 and 2100)	
	28dB minimum (For 2300 and 2600)	
Cross bands:	80dB minimum	
Power handling	100W per port	
Intermodulation (3rd order)	≤ -153dBc (Rx band) 2 x 20 W (TX band)	
Impedance	50Ω	

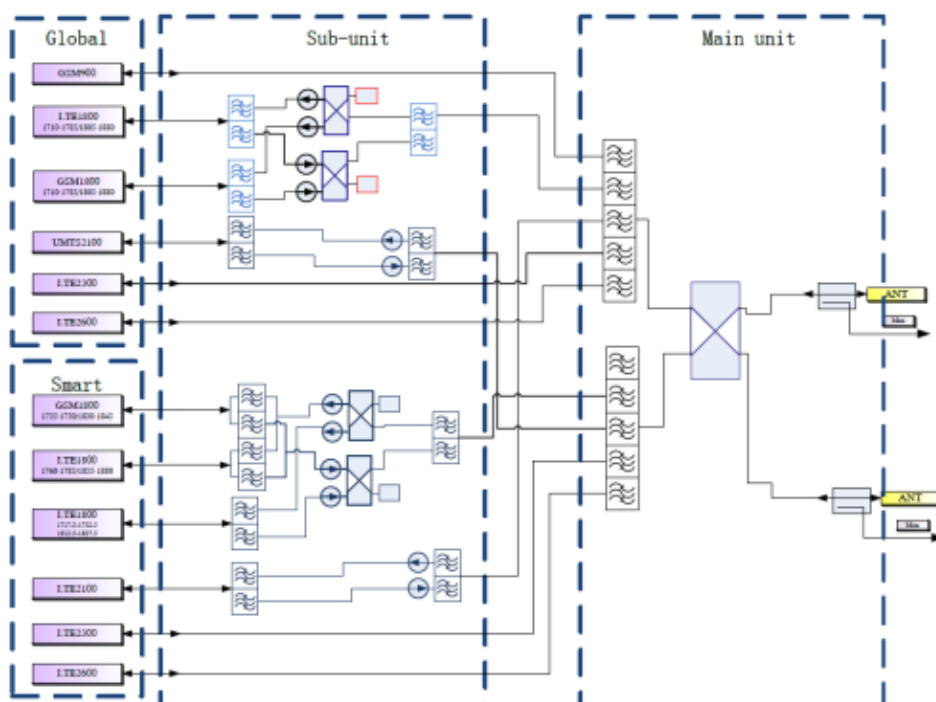
Environmental Specifications

Items	Value
Operating temperature range	0°C to +60°C
Storage temperature range	0°C to +65°C
Relative humidity	5%- 85%
Applications	Indoor

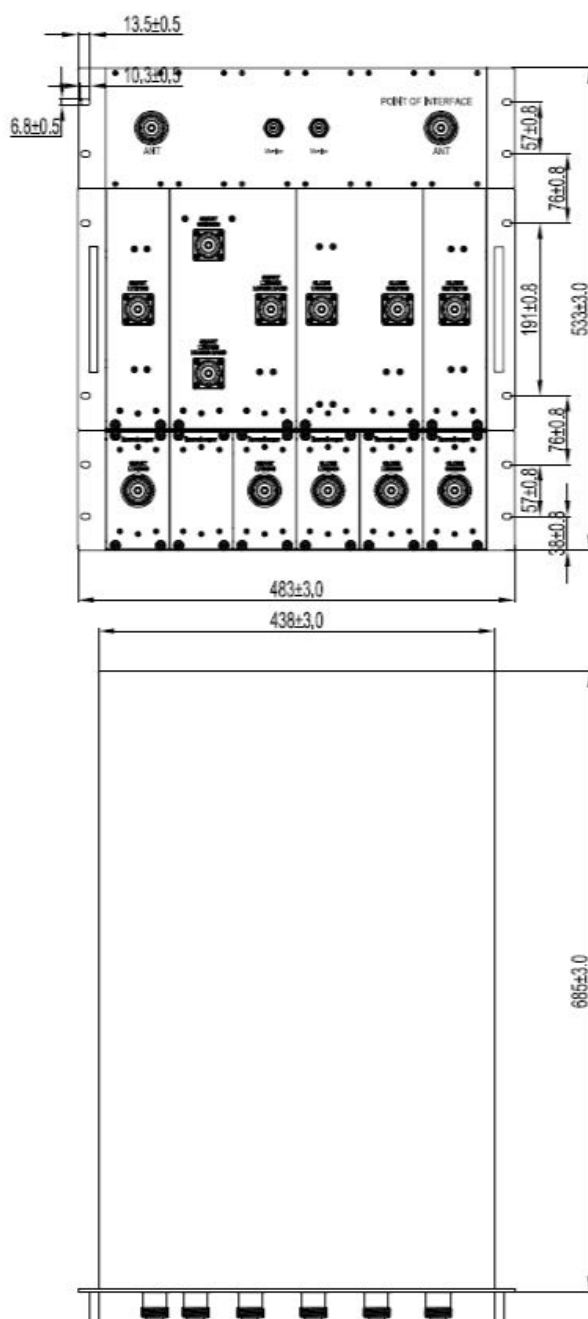
Mechanical Specifications

Items	Value
Connectors type	DIN female
BTS Ports	12
ANT Ports	2
Monitor ports	2 (30 ±3dB, ant port to Monitor port)
Mounting	19' standard cabinet mount
Packing	1Pcs in box

Block Diagram



Outline Drawing



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