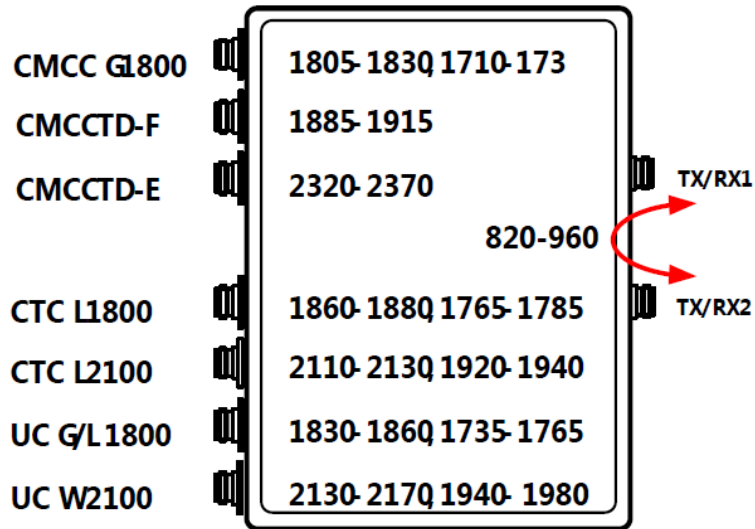


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POI 9 In 2 Out

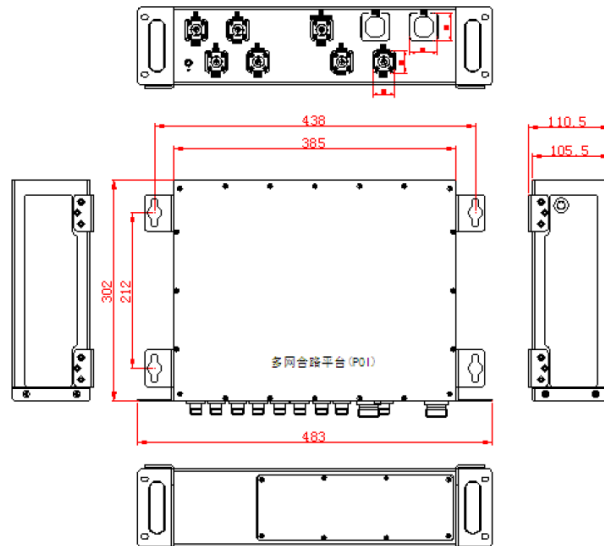


- 1. Product Name:** Multi-network combiner platform (transparent transmission type)
- 2. Product model:** SRFS.POI-0824-082001
- 3. Product use:** referred to as POI, refers to the specific equipment located between the multi-system base station source and the indoor distribution system antenna, it is equivalent to a higher performance of the combined equipment, the multi-system base station source downlink signals The road is output to the antenna feeder of the indoor distribution system, and the upstream signal from the antenna feeder is shunted to the system sources in the opposite direction.



- 4. Precautions for use:** Pay attention to the connector pins when connecting to prevent bending, breaking the pins and damaging the device. To maintain a level and compactness, to ensure good electrical performance indicators, use within the nominal power range, the power ceiling should be used with good heat dissipation measures

5. Outline Drawing:



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POI 9 In 2 Out



Electrical Specifications	POI 8 in 2 out	
Frequency Range(MHz)	GSM900:Downlink 934-960MHz, Uplink 889-915MHz CDMA800:Downlink 865-880MHz, Uplink 820-835MHz	Transparent transmission band
	GSM1800:Downlink 1805-1830MHz, Uplink 1710-1735MHz TD-LTE (F frequency) : 1885-1915MHz TD-LTE (E frequency) : 2320-2370MHz LTE FDD1.8G : Downlink 1860-1880MHz, Uplink 1765-1785MHz LTE FDD2.1G : Downlink 2110-2130MHz, Uplink 1920-1940MHz GSM1800/LTE FDD1.8G : Downlink 1830-1860MHz, Uplink 1735-1765MHz WCDMA2100 : Downlink 2130-2170MHz, Uplink 1940-1980MHz	Combined frequency band
Insertion Loss(dB)	Low frequency transparent transmission port (ANT1←→ANT2) ≤1.0dB	
Other ports	≤5.5dB	
VSWR	Low frequency transparent transmission port (ANT1←→ANT2) ≤1.3 /	
Other ports	≤1.3	
Port (system) isolation	The port isolation between mobile GSM1800 and Unicom GSM1800/LTE FDD1.8G is ≥28dB; Port isolation between mobile GSM1800 and telecom LTE FDD1.8G ≥ 50dB; The port isolation between Unicom GSM1800/LTE FDD1.8G and telecommunication LTE FDD1.8G is ≥28dB; The port isolation between Unicom WCDMA2100 and Telecom LTE FDD2.1G is ≥ 28dB; Port isolation between telecom LTE FDD1.8G and mobile TD-LTE (F-band) ≥ 50dB; Port isolation between telecom LTE FDD2.1G and mobile TD-LTE (F-band) ≥ 50dB; The isolation between other ports is ≥80dB.	
PIM(IM3)	PIM≤-140dBc.	
Power	Source side port: average power capacity 200W, peak power capacity 1000W; Antenna side port: average power capacity 500W, peak power capacity 2500W	
In-band Ripple	Low frequency transparent transmission port (ANT1←→ANT2) ≤1.0dB	