

In Building DAS - Point Of Interface unit (POI) 14 Input Ports 2 Output Ports

POI (Point of Interface) is a passive device which combines multiple signal resources from multiple carriers and distributes to the DAS system.

Serving as a powerful multi-combiner, POI is a comprehensive and reliable passive component to signal integration and transmission. Due to different operators provide respective frequency range to their customers, while customers will interact freely with persons despite frequency boundaries, there should be a smart system to accommodate mobile communication as much as possible – this is what POI works for. Partnered with repeater equipment, it can be tailored to frequency interfaces without operator limits, meanwhile transmit combined and stable signal to floors, building, etc.

It is applicable to mobile communications, private trunking communications, telecommunications access network and other systems such as LTE TDD, LTE FDD, TD-SCDMA, CDMA, GSM, DCS, WCDMA (UMTS), WLAN, etc.

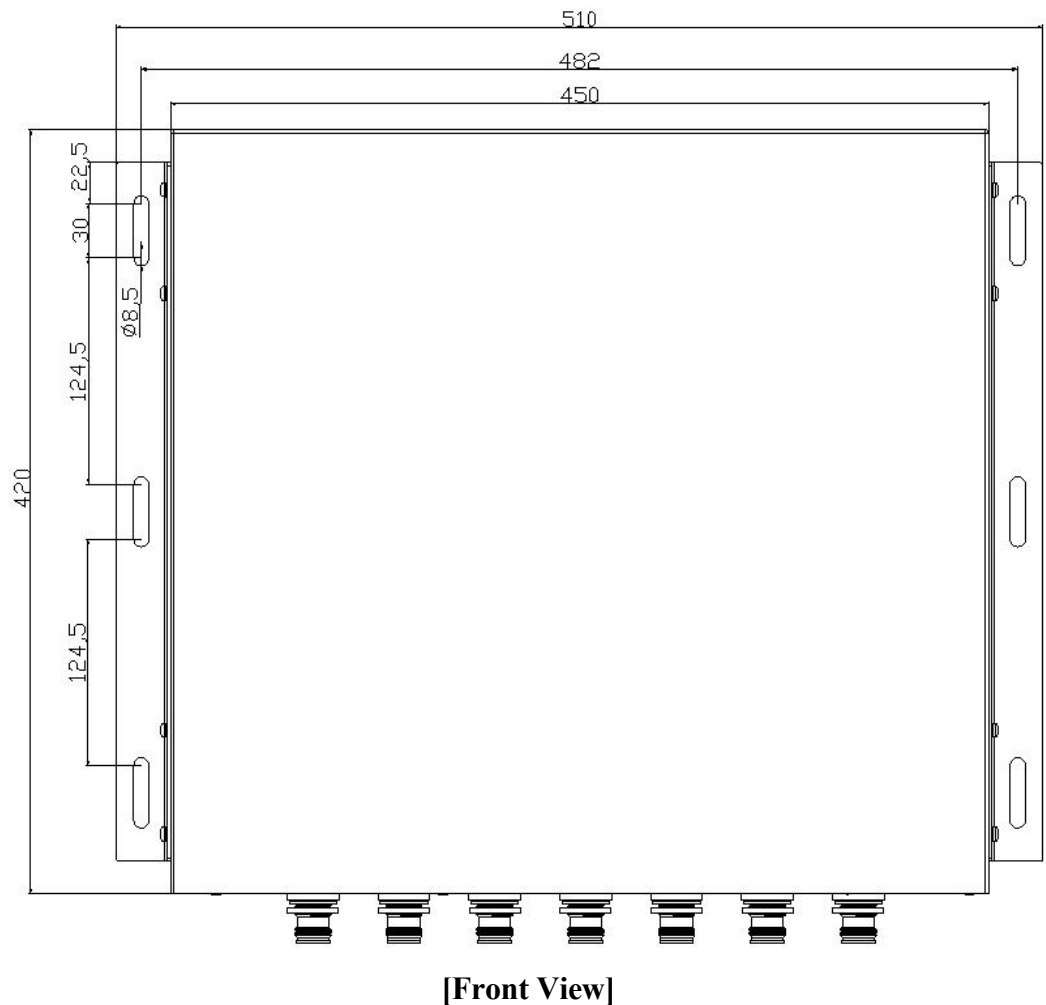
- **High Performance and high reliability with up to 14 inputs combined into up to 2 outputs.**
- **Very cost effective antenna sharing solution for Indoor/Outdoor applications.**
- **High power BTS conditioning 150 watts per port.**
- **Very Low Passive Inter-Modulation (PIM).**
- **Extremely low Insertion loss.**

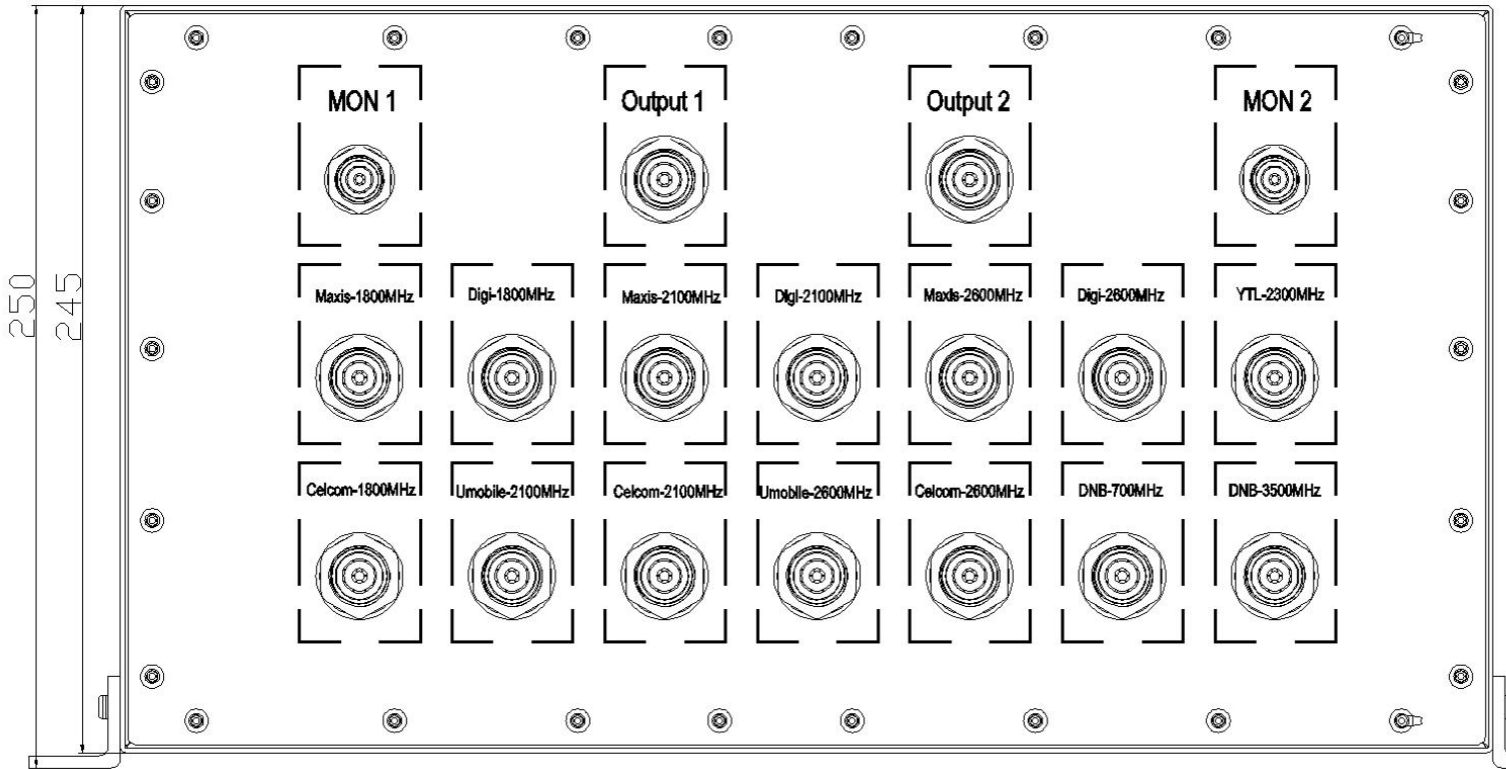
Specifications :

| Part No. | 9508714080 | | | |
|---------------------------------------|---------------------|------------|--------------------------|----------------------------|
| Operators | Band | Technology | Uplink Frequencies (MHz) | Downlink Frequencies (MHz) |
| Maxis | 1800 | GSM/LTE | 1710-1730 | 1805-1825 |
| | 2100 | LTE | 1935-1950 | 2125-2140 |
| | 2600 | LTE | 2500-2520 | 2620-2640 |
| Celcom | 1800 | GSM/LTE | 1745-1765 | 1840-1860 |
| | 2100 | LTE | 1950-1965 | 2140-2145 |
| | 2600 | LTE | 2530-2550 | 2650-2670 |
| Digi | 1800 | GSM/LTE | 1765-1785 | 1860-1880 |
| | 2100 | LTE | 1965-1980 | 2155-2170 |
| | 2600 | LTE | 2550-2570 | 2670-2690 |
| U Mobile | 2100 | LTE | 1920-1935 | 2110-2125 |
| | 2600 | LTE | 2520-2530 | 2640-2650 |
| DNB | 700 | LTE | 703-743 | 758-798 |
| | 3500 | 5G (TDD) | 3400-3500 | |
| YTL | 2300 | LTE (TDD) | 2330-2360 | |
| Insertion Loss (dB) | ≤6.0 | | | |
| Isolation Between Input Ports of (dB) | Same Bands ≥30 | | | |
| | Different Bands ≥90 | | | |
| Monitor Port Coupling Value (dB) | 30±3 | | | |

| | |
|--|--------------------------------------|
| Return Loss / VSWR | $\geq 18\text{dB} / \leq 1.3$ |
| Intermodulation (dBc) @2x43dBm | ≤ -150 |
| Impedance (Ω) | 50 |
| Input Power Rating Per Port (W) | 200 |
| Operation Temperature ($^{\circ}\text{C}$) | -20 to +65 |
| Storage Temperature ($^{\circ}\text{C}$) | -40 to +85 |
| Degree of Protection | Indoor or Outdoor (IP65) |
| Number of Input Ports | 14 x 4.3-10-Female |
| Number of Output Ports | 2 x 4.3-10-Female |
| Monitoring Ports | 2 x N-Female |
| Mounting Type | Wall Mount |
| Weight (Kg) | 20 |
| Relative Humidity | 5%-95% |
| Size (W x D x H) mm | 450 x 420 x 245 (without connectors) |

Outline drawing :





[Bottom View]

Product image :

