

5G NR In-Building DAS Point of Interface Module (POI) 3300-3570 MHz Low Loss Type

Model No: POI-3500-16T8-LL-153



Features:

- The POI combines 5G BTSs of multiple operators into a DAS (fiber or Passive) with 84 outputs for MIMO 4X4 DAS
- High Performance and high reliability with 16 inputs (4 per band) combined into up to 8 outputs with relatively low loss
- Plug-and-play type for Indoor or Outdoor usage in a 19-inch Rack
- Very cost-effective antenna-sharing solution for Indoor or Outdoor applications
- High power BTS conditioning 400 watts per port
- Very Low Passive Inter Modulation (PIM) with Extremely low Insertion loss.
- DAS is a vendor-neutral, Support, also non-duplexed signal (TDD).
- Programmable Dynamic DL Power Control (Optional)
- Built-in Power meters to monitor input and output power (Optional)

Introduction

EMTS Telecom Services Ltd. Point of interface (POI) is a platform for a multi-combining system for the Base station and DAS. It combines several mobile carriers (operators) BTS or DAS systems into a standard output explicitly designed for a distributed antenna system. At the same time, it distributes the different 5G signals to every system, realizing multi-signal combinations. The POI can monitor and correct BTS conditioning while minimizing passive intermodulation (PIM). The EMTS high-performance point of interface (POI) modules merge signal combining and splitting into one affordable, space-saving solution.

The plug-and-play designs eliminate the need for bulky, multi-component interface implementation and external splitters, couplers, and terminators. Our POI Solutions are compatible with all frequencies and services, including 5G LTE, WCDMA, etc.



EMTS Telecom Services Ltd. offers a comprehensive portfolio of enhanced coverage solutions for Wireless Networks, Based on advanced technologies. **EMTS**-proven indoor and outdoor solutions solve various network challenges, including interference and oscillation problems, challenging coverage holes, rapid response deployment, and inadequate in-building coverage. Regardless of the technology or frequency, **EMTS** can provide customized coverage solutions that address any combination of unique and complex network needs for Wireless Networks.

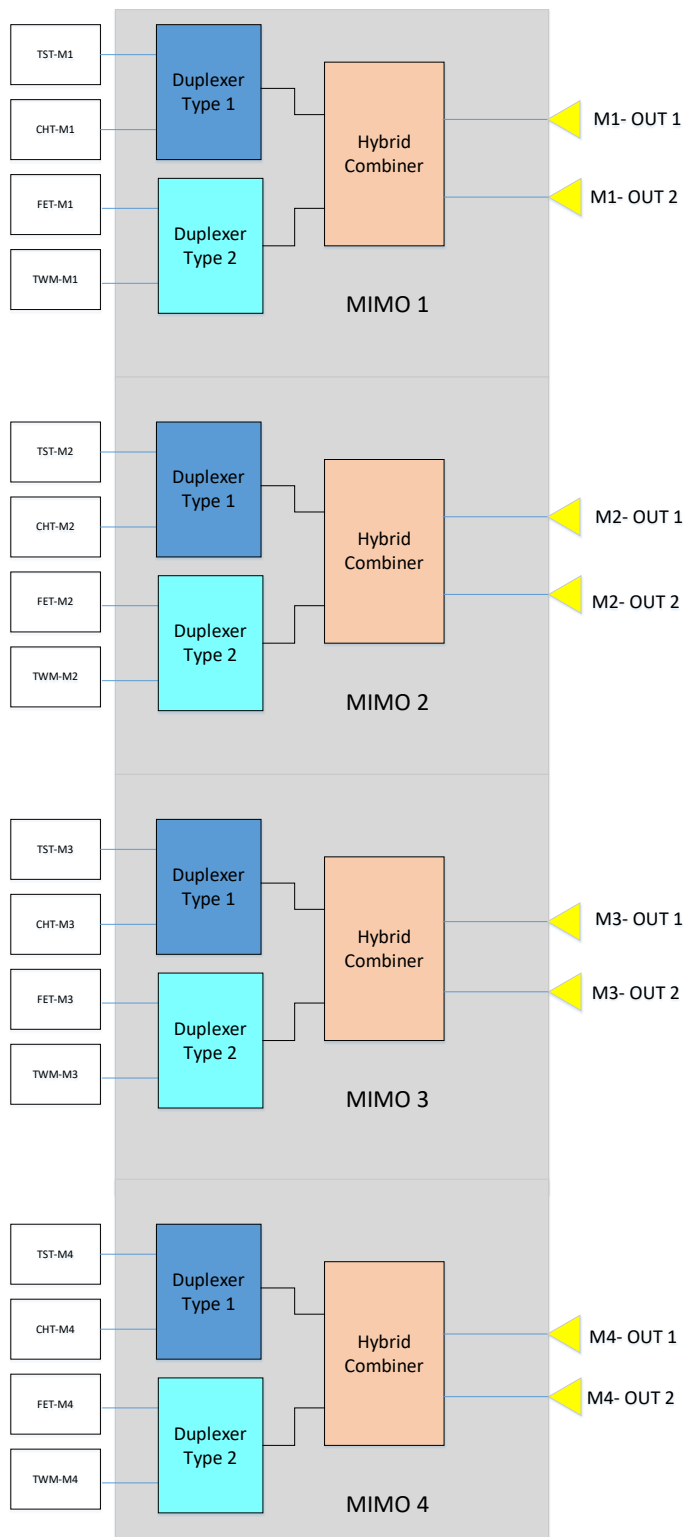
Technical Specifications

Feature	Value
Frequency Range	3300 - 3570 MHz
Number of Inputs	16 Inputs
Number of Outputs	8 Outputs
VSWR / Return Loss RF	≤ 1.288 / ≥ 18 dB
Insertion Loss (dB)	≤ 4.5 dB
Isolation (dB)	≥ 28 dB
Power Handling (W)	≥ 400 watts
PIM	≤ -153 dBc @2x43dBm
Applications	Indoor DAS
Connector type	4.3-10 Mini Din
Weight (kg)	35Kg
Size	19-inch box Hight 6U Deep 46cm
Operating Temperature (°C)	-20 up to 55°C
Relative Humidity (%)	95%



5G 3.5GHz POI TYPE A

16:8 (MIMO 4:4)



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