

5G NR and 4G In-Building DAS Point of Interface Module (POI) 700-3800 MHz Low Loss type

Model No: POI-700-3800-32T4-LL



Features:

- The POI combines 4G and 5G BTSs of multiple operators into a DAS (fiber or Passive) with 4 outputs for MIMO 4X4 DAS.
- The POI contains 2 boxes, One Box for 4G, for SISO 16 inputs to 4 outputs, The second Box for 5G, 16 inputs to 4 outputs
- The final configuration of 19-inch boxes includes 32 inputs to 4 outputs (16 inputs of 4G and 16 inputs of 5G)
- High Performance and high reliability with 32 inputs combined into up to 4 outputs with relatively low loss
- Very cost-effective antenna-sharing solution for Indoor/Outdoor applications
- High power BTS conditioning 300 watts per port
- Very Low Passive Inter Modulation (PIM)
- Extremely low Insertion loss.
- DAS vendor-neutral, Support for non-duplexed signal (TDD) for 5G and FDD for 4G.
- Programmable Dynamic DL Power Control (Optional)
- Built-in Power meters to monitor input and output power (Optional)
- Plug-and-play configuration, Indoor, outdoor 19-inch Rack types.



EMTS Telecom Services Ltd. offers a comprehensive portfolio of enhanced coverage solutions for the Wireless Networks, Based on advanced technologies. EMTS proven, indoor and outdoor solutions solve a wide range of 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 the Wireless Networks.

Technical Specifications

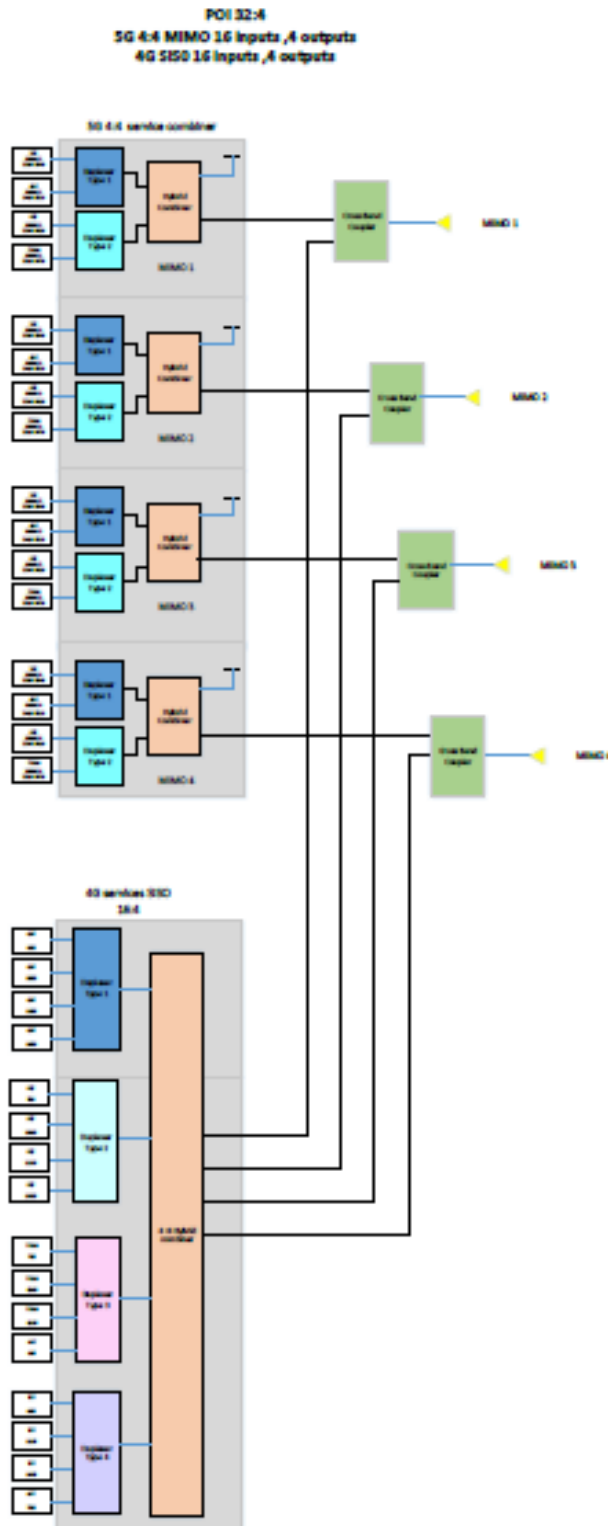
Feature	Value
Frequency Range	<u>4G Unit</u> LTE700 703 - 803MHz x 3 inputs LTE900 885 - 960MHz x 3 inputs LTE1800 1710 - 1880MHz x 3 inputs WCDMA2100 1920 - 2170MHz x4 inputs LTE2600 FDD 2500 - 2570, 2620-2690MHz x 3 inputs <u>5G Unit</u> 3400-3670 x 16 inputs
Number of Inputs	32 Inputs 16 inputs of 4G 16 inputs of 5G The system will contain two 19-Inch boxes
Number of Outputs	4 Outputs
VSWR	1.5:1 typical
Insertion Loss (dB)	For 5G 4.5dB typ. For 4G 7.5dB typ.
Isolation (dB)	28 dB typ.
Power Handling (W)	400 watts
Isolation 4G to 5G	85 dB
Intermodulation	$\leq -153\text{dBc}$ (RX Band) @2x43dBm
Applications	Indoor DAS
Connector type	4.3-10
Weight (kg)	30Kg per Box (per unit)
Size	2 x 19-inch box Hight 6U Deep 46cm
Operating Temperature (°C)	-20 up to 55°C
Relative Humidity (%)	95%

About EMTS Telecom Services Ltd.:

EMTS is a leading supplier of high-quality RF coverage solutions designed to maximize wireless network coverage in difficult RF environments and complex settings. The company specializes in extending RF radio coverage to rural areas, office buildings, subways, tunnels and shadowed areas. The EMTS coverage solution supports all major mobile technologies and standards of wireless Networks.

All rights reserved - Specifications are subject to change without notice





EMTS Telecom Services Ltd. offers a comprehensive portfolio of enhanced coverage solutions for the Wireless Networks, Based on advanced technologies. EMTS proven, indoor and outdoor solutions solve a wide range of 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 the Wireless Networks.

