

# In Building DAS Point of Interface Module (POI) 700-2700 MHz (US Type)

Model No: POI-U-700-2700-16T4



## Features:

- High Performance and high reliability with Up to 16 inputs (4 per band) combined into up to 4 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.
- DAS vendor neutral, Support for duplexed and non-duplexed signal and uplink diversity.
- Programmable Dynamic DL Power Control
- Optional for Built in Power meters to monitor input and output power
- Optional for remote and local configuration, management and monitoring of alarms
- Plug-and-play configuration, Indoor, outdoor or 19-inch Rack types.

## Introduction

The EMTS Telecom Services Ltd. Point of interface (POI) is a platform for multi-combining system for Base station and DAS. It combines several mobile carriers (operators) BTS or DAS system into a common output designed specifically for a distributed antenna system. At the same time, it distributes the different uplink signals to their each system, realizing multi-band and multi-signal combination . The POI has the option to 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 as well as external splitters, couplers and terminators. Our POI Solutions are compatible with all frequencies and services, including LTE,GSM, WCDMA, CDMA, iDEN and others .

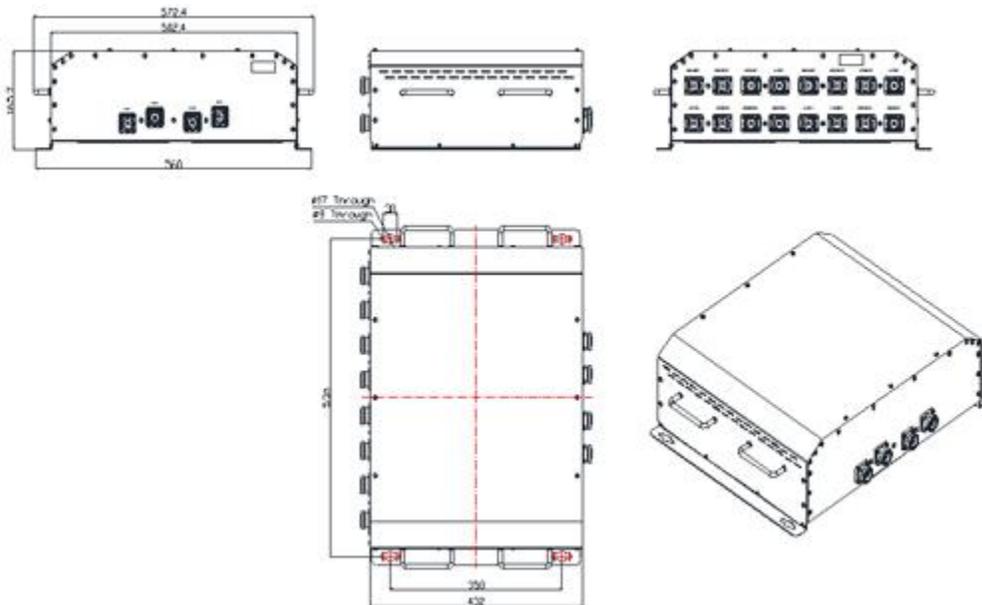
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**EMTS Telecom Services Ltd.** offers a comprehensive portfolio of enhanced coverage solutions for the Wireless Networks, Based on advanced technologies. **EMTS** proven, indoor and outdoor solutions solve a wide range of network challenges including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

Frequency Range	LTE700 / Cellular 800	700-894 MHz
	AWS 1700	1710-2170 MHz
	PCS 1900	1850-1995 MHz
	LTE2300 / LTE2600	2300-2690MHz
Isolation Between Same Systems		>30dB
Isolation Between Different Systems		>80dB
Power Handling		150W / Input port
Insertion Loss		<8dB
Return Loss		>18dB
PIM (IM3)		< -160 dBc @2x43dBm
Impedance		50Ω
Input Port		16 Ports, DIN-Female (4*LTE8-GSM 4*DCS 4*UMTS 4*LTE)
Output Port (to DAS, Antenna)		4 Ports, DIN-Female
Mounting		Wall mounting brackets
Temperature Range		-20to +55°C
Humidity		5% to 97%
Environmental Condition		Indoor type (optional outdoor configuration)
Size		452x502x165mm
Weight		30Kg



### 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.

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