

# In Building DAS Point of Interface Module (POI) 800-2700 MHz (EU Type )

Model No: POI-E-800-2700-16T4



## 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 .

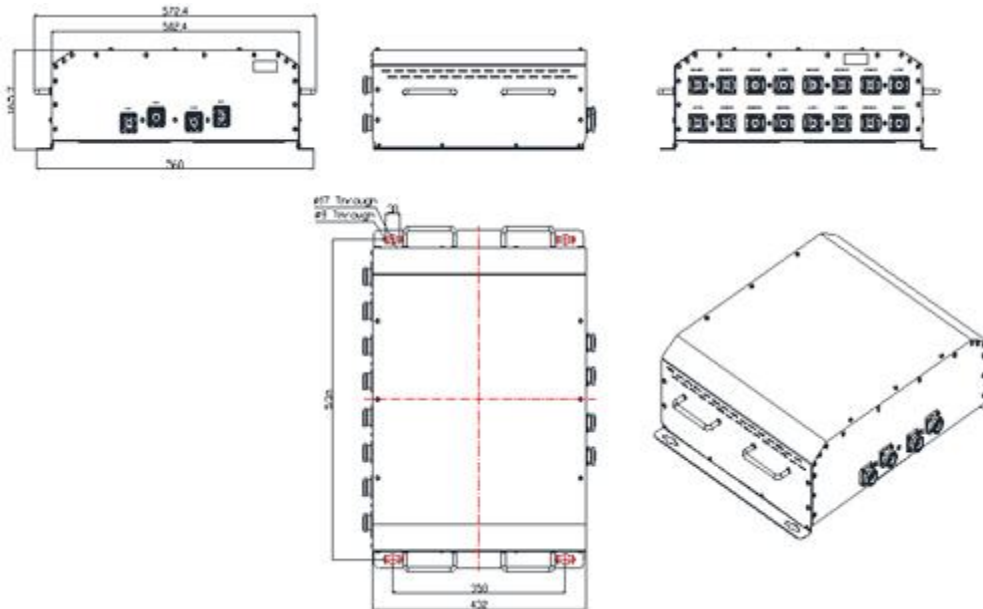
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**EMTS Telecom Services Ltd.** offers a comprehensive portfolio of enhanced coverage solutions for the Wireless Networks, Based on advanced technologies. **EMTS** proven, indoor and outdoor solutions solve a wide range of network challenges including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

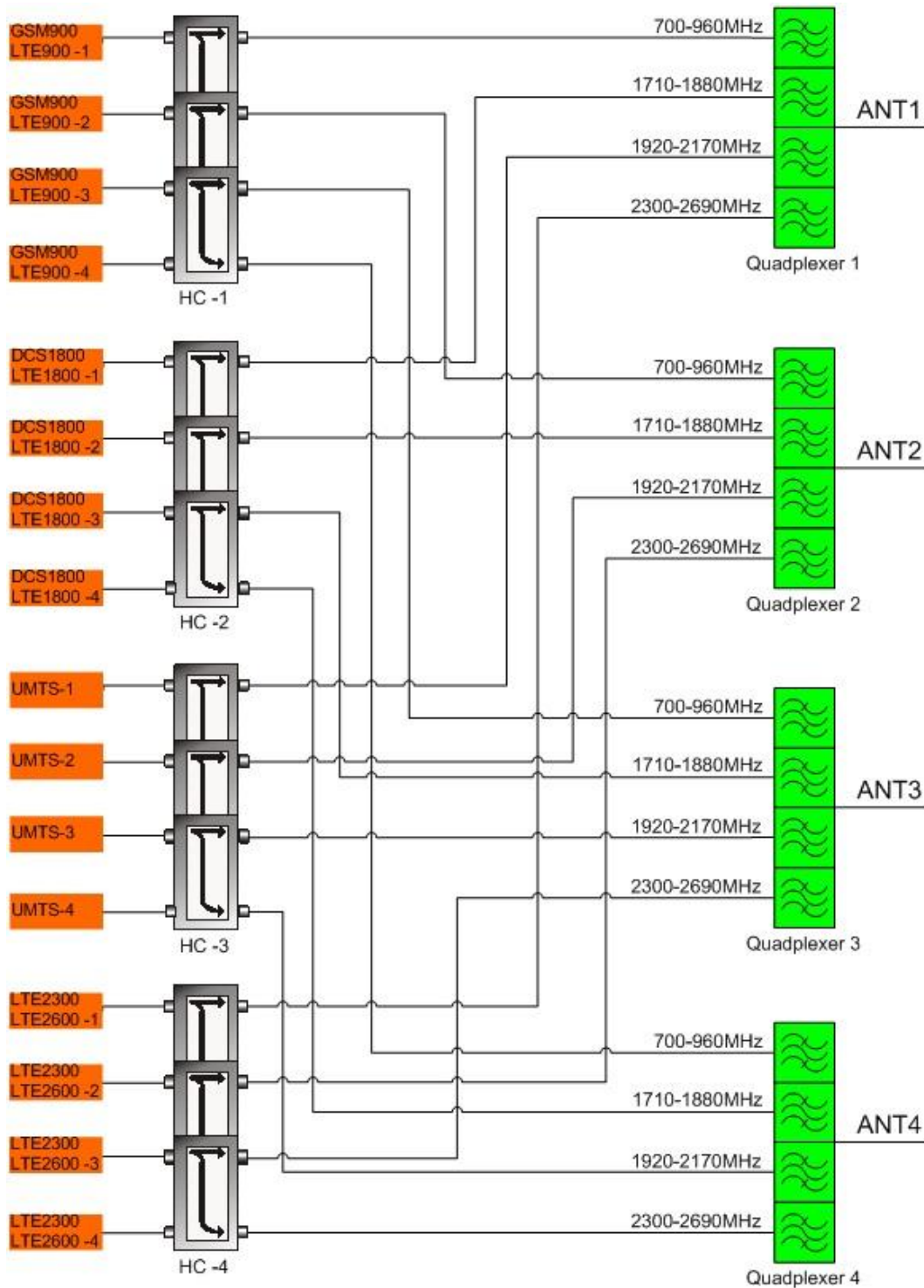
Frequency Range	LTE800 GSM900	700-960MHz
	LTE1800 DCS1800	1710-1880MHz
	3G / UMTS	1920-2170MHz
	LTE2300 / LTE2600	2300-2690MHz
Isolation Between Same Systems	>30dB	
Isolation Between Different Systems	>80dB	
Power Handling	150W / Input port	
Insertion Loss	<8dB	
Return Loss	>18dB	
PIM (IM3)	< -160 dBc @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. All rights reserved - Specifications are subject to change without notice





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