

Hybrid Combiner 2 x 2

600-4100MHz

Model Number: MTX-641-2X2



Main Features & Benefits:

- Fully comply with LTE standards
- Wide frequency range from 600 to 4100MHz
- Very High Isolation
- Extremely low insertion loss
- Excellent Passive Intermodulation performance
- Very High Handling Power of 500 watts per port
- Compact design, easy installation
- IP65 enclosure
- Exceptional reliability and environmental protection

Introduction

Our Hybrid combiner (2x2 Matrix) model MTX-69382X2 is a high-performance high, power '2 by 2' Matrix that use to combine BTS. The usage of high-performance hybrid reduces the insertion and passive inter-modulation products and minimizes the interference, a high isolation level between ensuring an interference-free environment for any technology deployed.

The hybrid design provides a very low insertion loss while keeping the product extremely compact and lightweight. Its high Return Loss makes the introduction of the device transparent to the BTS. The unit is designed to withstand the most severe outdoor environments. It also features IP65 class protection to avoid any possible effects of condensation and pressure instability. The EMTS hybrid products have fully complied with all wireless modulation types, including advanced LTE.



We offer a comprehensive portfolio of enhanced coverage solutions for Wireless Networks, Based on advanced technologies. **Our** 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, **We** can provide customized coverage solutions that address any combination of unique and complex network needs for Wireless Networks.

Technical Specifications:

Frequency range	600-4100 MHz
Insertion Loss	≤3.8dB (including distribution loss)
Isolation	≥28dB minimum
VSWR	≤1.25dB
PIM (IMD3)	≤-161dBc @ 2×+43dBm
Impedance	50Ω
Power Handling (per port)	500 W
Peak Power Handling per port	3KW
Operating Temperature	-30 to +75 °C
Environmental Humidity	0 to 95%
Standard	Indoor or Outdoor use (IP65)
Installation	Mountain hole option
Connector Type	DIN-Female Optional 4.3-10 (lower Power)
Dimension	194.8 x 58.4 x 41 mm
Weight	1.3Kg
Input Ports	2
Output Ports	2
Inner contact Plating	Aluminum silver plated / Connector Copper
RoHS	2011/65/EU

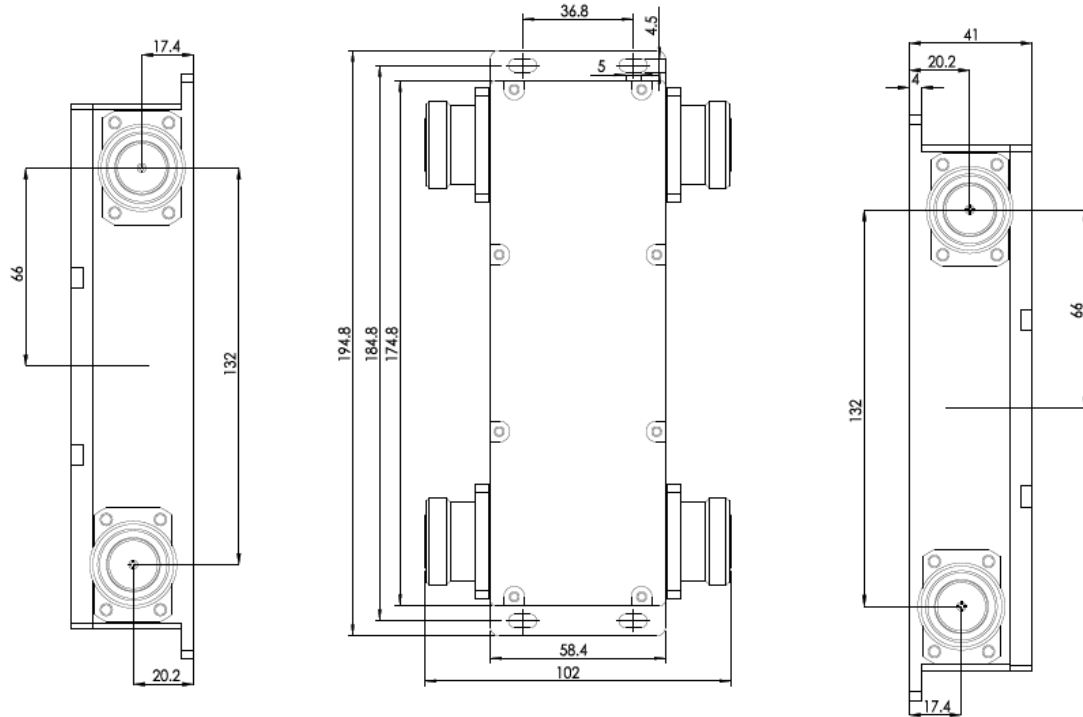


About Us.:

We are 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. Our coverage solution supports all major mobile technologies and standards of wireless Networks.

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Outline Drawing:



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