

- ◆ Enterprise+ Series: Commercial Wireless and Private LTE Applications
- ◆ Extended Bandwidth: 694-3800MHz
- ◆ Low PIM
- ◆ 200 Watt per Input Continuous Average Power
- ◆ IP65 Rated
- ◆ RoHS Compliant



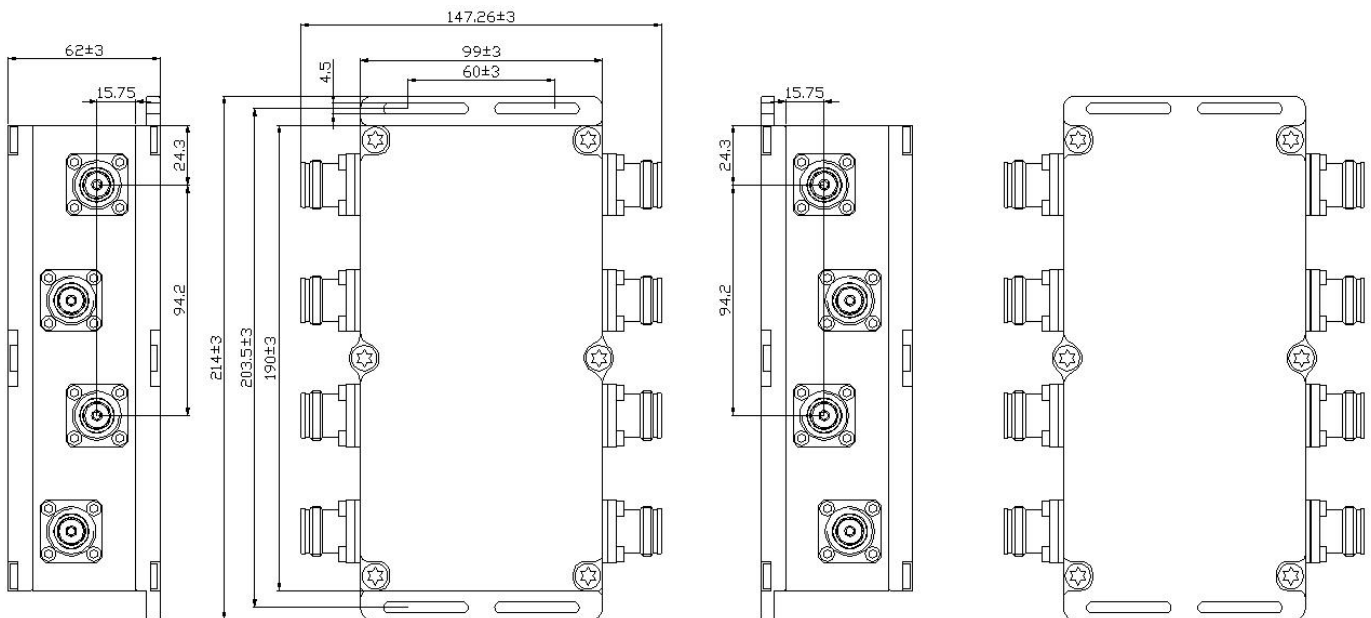
Microlab's Enterprise+ Series addresses the commercial wireless and private LTE needs for Enterprise DAS Applications. The CM-EP-4x4-738FE 4x4 Matrix Coupler is most commonly used to combine up to four wireless carriers in the band to a single antenna feed or distribution cable. This requires the low PIM termination on all unused output port and results in a 6.1 dB loss in each signal. In situations where all 2-4 similar feeds are required, as required for an in-building application, the outputs may be used eliminating the need for a term and a splitter.

Frequency:	694 to 3,800 MHz
Coupling Value:	6.2 ± 1.4 dB @694 to 800 MHz 6.3 ± 1.2 dB @800 to 3,800 MHz
VSWR:	1.25:1 max., all ports
PIM:	< -155 dBc (-112 dBm) min. (Test with 2x+43 dBm tones)
Input Power:	4 x 200 W avg.
Isolation:	23 dB min.
Impedance:	50Ω nom.
Temperature:	-35°C to +65°C
Environment:	IP65
Housing Finish:	Painted

Model #	Connector	Dimensions	Weight lb (kg)
CM-EP-4x4-738FE	4.3-10	214x99x62 mm	4.0 (1.83)
CM-EP-4x4-738FN	Type N	8.43 x 3.88 x 2.44 in.	3.8 (1.72)

Outline Drawing
CM-EP-4x4-738FE

Dimensions in mm



Note: Specifications are subject to change without prior notification.

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Outline Drawing
CM-EP-4x4-738FN

Dimensions in mm

