

- ◆ Wide-band coupler to enable 5G network deployments with Carrier aggregation
- ◆ Twin Hybrid
- ◆ Guaranteed Low PIM
- ◆ High Isolation and Low VSWR
- ◆ 25 Watt per Input
- ◆ IP67 Rated
- ◆ RoHS compliant

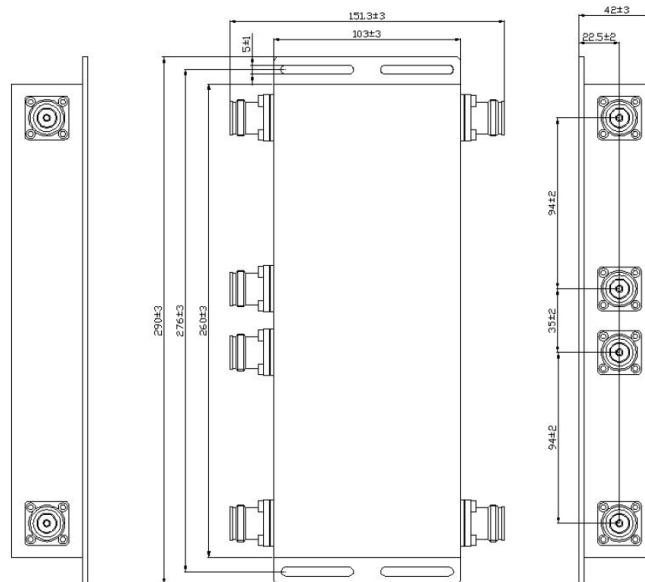


Microlab CT-625E is a Twin Ultra Wideband, High Isolation Hybrid Coupler in a single housing. It combines two wireless sources from 617 to 5925 MHz, to a single antenna feed or distribution cable with minimum intermodulation. This twin model can allow for either a 2x2 MIMO feed or a 2-sector SISO feed. This product is design for indoor and outdoor environment and reduces the need for space requirements due to the lack of external cable loads as two output ports are internally terminated.

Frequency: 617 - 5925 MHz
Power/Input: 25 W
PIM: <-161 dBc (-118 dBm)
(Tested with 2x +43dBm @ 25°C)
Impedance: 50 Ω nom.
Housing: Light Gray Paint
Connectors: 4.3-10(f), Triplate
Environment: -40°C to +65°C, IP67
Dimensions: 11.42" x 4.1" x 1.65"
(includes mount length)

Model No.	Frequency Range (MHz)	Coupling & Loss (dB)	Isolation (dB)	VSWR (max.)	Weight nom. lbs [kg]
CT-625E	617-2700	3.2 $\pm$ 1.3	>23	1.25:1	5.82 [2.64]
	2700-5925		>20	1.35:1	

Mechanical Outline



Dimensions in mm

Note: Specifications are subject to change without prior notification.

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