Westell® | 600-6000 MHz Hybrid Coupler

Low PIM

General Description

Hybrid couplers are typically used to combine 2 or more RF signal sources while providing high port to port isolation. And when both outputs are utilized they effectively create a nearly lossless combiner/splitter combo. They feature very low through loss and power handling capability for 200 watts average power. Coupled ports are 90° out of phase and the isolated port helps protect against mismatched loads on the coupled ports.

Frequency Range

- 600-6000 MHz

Product Highlights

- 2G/3G/4G/LTE/5G Coverage
- Low VSWR & Insertion Loss
- High Isolation
- Low Passive Intermodulation
- Covers all sub-6GHz 3GPP Bands

Applications

- Widely used for In-building Solutions
- Combining of RF Sources

Specifications

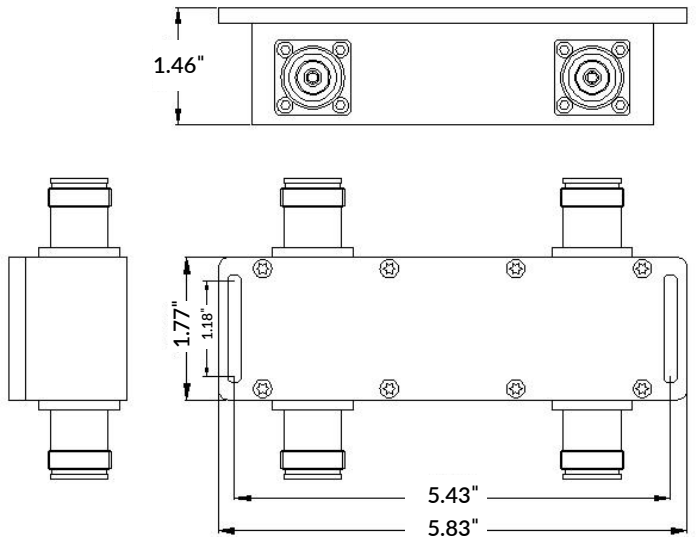
Frequency (MHz)	600-6000
Coupling (dB)	3.1
Through Loss (dB) Typical	3.0±1.4
Isolation (dB)	≥20
VSWR (:1)	≤1.50
PIM (dBc)	≤-160dBc@2*43dBm
Average Power(W)	200
Impedance (Ω)	50
Connector	4.3/10-female
Color	Capital black
Temp (deg)	-35°C ~+85°C
Weight (lbs)	2.10
Mounting Method	End screw slots
Dimensions (in)	5.83" x 1.77" x 1.46" (not including connectors)

*PIM measured @ 698-2700 MHz

Ordering Information

Part Number	Description
CS63-560-390	3 dB Hybrid Coupler, 600-6000MHz, ≤-160dBc@2*43dBm (698-2700)

Mechanical Drawing



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