

5x2 Hybrid Multiplexer for wide 5G Bandwidth

HMX-52A

5x2 Hybrid Multiplexer combines the existing commercial bands and CBRS/C-Bands. It includes a hybrid combiner, one diplexer and one triplexer internally.

- Hybrid Multiplexer with 5 Inputs & 2 Outputs
- Applicable to signal combining for low and mid. band DAS remotes
- Signal combining expansion to Auction 110/CBRS/C-Band
- Potential future 5G Band (3100-3450MHz) is covered
- Wall-Mountable
- Low PIM Rated
- IP67 Outdoor Rated
- Bulit-In Monitoring Port
- High Reliability, RoHS compliant



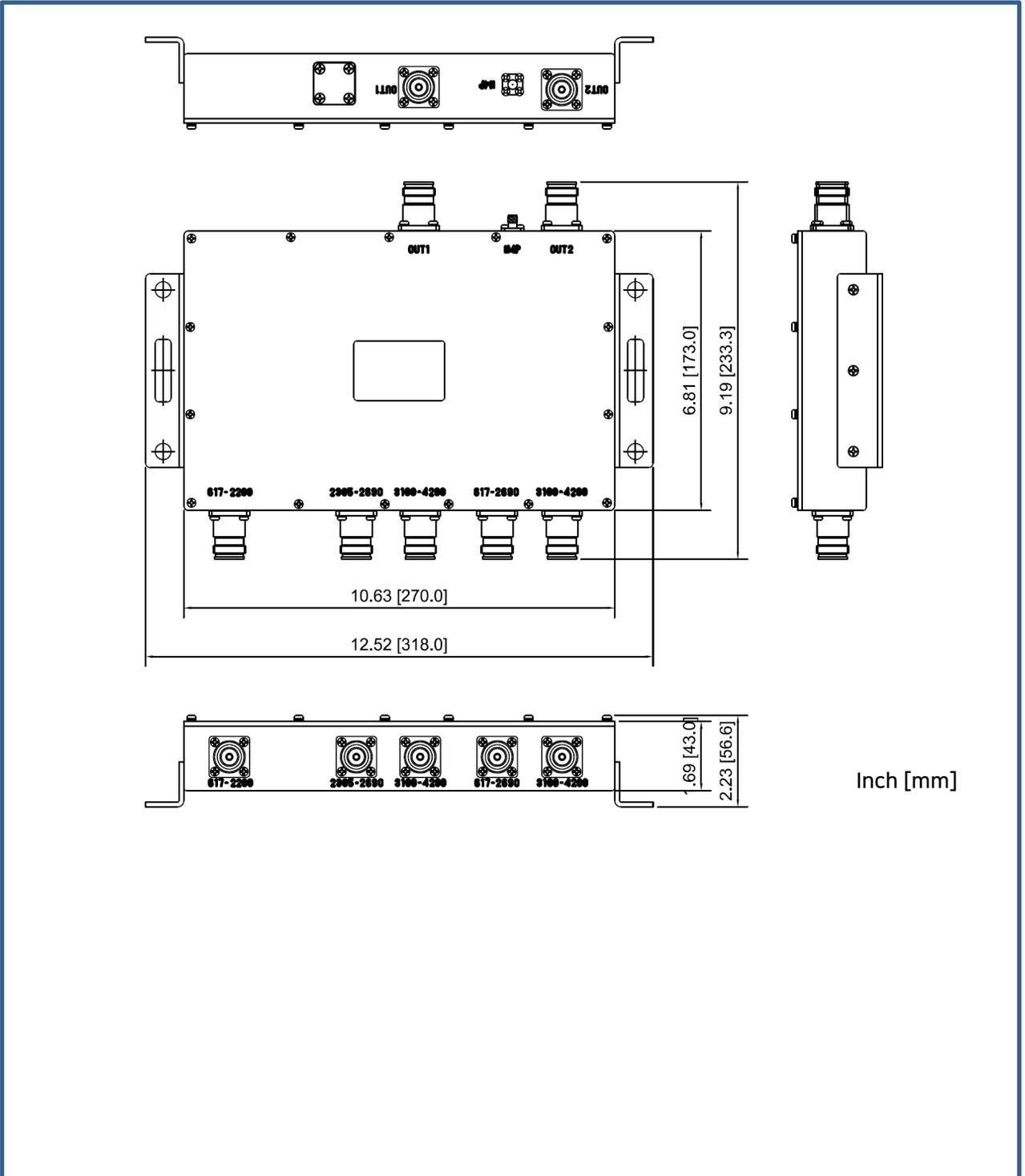
Parameters	Specifications				
Model	HMX-52A				
Input Port No.	1	2	4	3	5
Freq. Range [MHz]	617 - 960	1695- 2200	2305- 2690	617-960, 1695-2690	3100 - 4200
Insertion Loss [dB]	3.4 (-1.2/+0.9)	3.4 (-0.8/+1.0)	3.5 (-1.2/+0.7)	3.4 (-1.2/+0.8)	3.5 (-1.2/+0.9)
Return Loss [dB]	18				
Port Isolation [dB]	21 @ Same Band, 40 @ Cross Band				
Power Handling [W]	150				
PIM [dBc]	-161				
IP Rating	IP67				
Coupling Port [dB]	35±5.0 @ 617-960MHz, 35±5.0 @ 1695-4200MHz				
RF Connectors	4.3-10 Female				
Size (W x H x D)	10.63" x 6.81" x 1.69"				
Weight [lb]	8.4				

* Specifications are subject to change without prior notification.

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Mechanical Drawing



Rev.1