

604 Series

Four-way Power Divider

Description

Mi-Wave's 604 Series Four-way Power Divider, inherently-matched 3 dB power splitting devices. Available in standard waveguide sizes from 8.0 to 140.0 GHz, these units are capable of in-phase splitting.

Applications

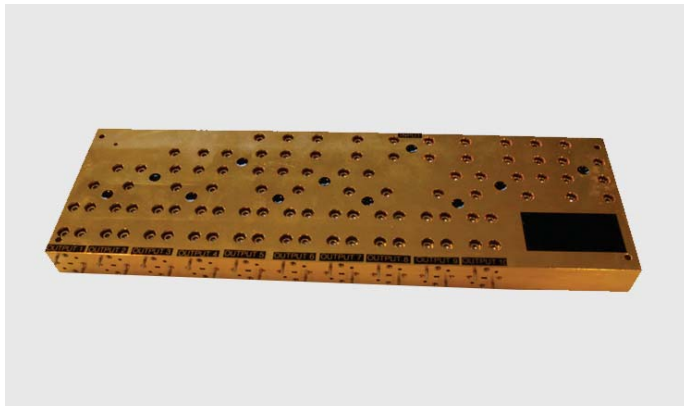
The 604 Series Four-way Power Divider are used in:

- Power Splitting
- Power Combining

- *Low VSWR*
- *High Isolation*
- *Minimum Size*
- *High Reliability*
- *Equal Power Split*
- *Low Insertion Loss*
- *Rugged Construction*



Custom 10-way Power Divider



Custom configurations available: 4, 8, 12, 16, 24, 32

Ordering Information



Technical Specifications (typical) (for 4 way)

Model No.	604K	604A	604B	604U	604V	604E	604W	604F
Frequency Band (GHz)	18.0–26.5	26.5–40.0	33.0–50.0	40.0–60.0	50.0–75.0	60.0–90.0	75.0–110.0	90.0–140.0
Isolation (dB) (typical)	20	20	20	20	20	20	20	20
Insertion Loss (dB) Max.	1.5	1.5	1.8	2.0	2.1	2.2	2.3	2.8
Power Imbalance Max. (dB)	0.5	0.5	0.5	0.7	0.8	0.8	0.9	1.2
VSWR (typical)	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Bandwidth (%)	8	8	8	8	8	8	8	7