



8-Way Power Divider/Combiner

NPD8-100-3000-30-S

8-Way, 0.1~3GHz

Features:

- * Small Size
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Mixers
- * Antennas
- * Laboratory Test

Electrical

| | |
|--------------------|---------------------------------|
| Frequency: | 0.1~3GHz |
| Insertion Loss: | 6.5dB max. |
| Input VSWR: | 1.35 max. |
| Output VSWR: | 1.25 max. |
| Isolation: | 18dB min. |
| Amplitude Balance: | 0.3dB max. |
| Phase Balance: | $\pm 6^\circ$ |
| Impedance: | 50 Ω |
| Average Power: | 30W max. 2W max. as combiner |

Mechanical

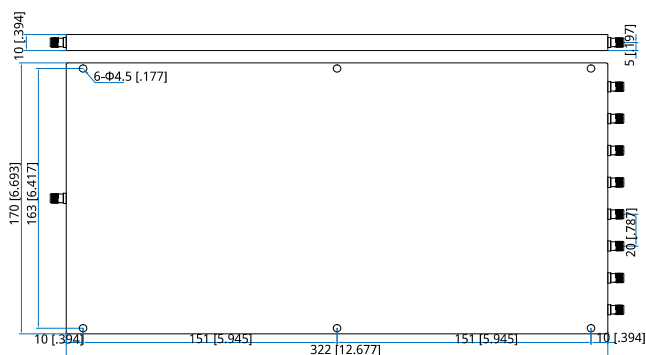
| | |
|----------------------|--------------------------------------|
| Size ^{*1} : | 322*170*10mm 12.677*6.693*0.394in |
| Weight: | 850g |
| Connectors: | SMA Female |
| Mounting: | 6- Φ 4.5mm through-hole |

[1] Exclude connectors.

Environmental

| | |
|------------------------|-----------|
| Operation Temperature: | -45~+85°C |
|------------------------|-----------|

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.5 mm [± 0.02 in]

How To Order

NPD8-100-3000-30-S

Customization is available upon request.