

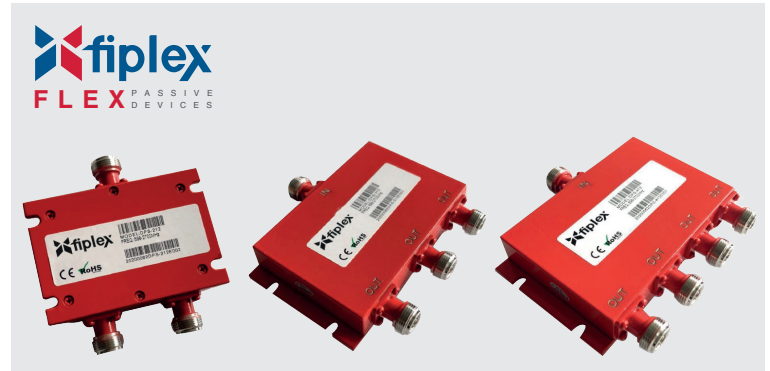
BROADBAND POWER SPLITTERS

698 - 2700 MHz

DPS-x12

Product Features

- Passive devices designed in a multistage Wilkinson configuration
- Low insertion loss
- Low VSWR ripple
- Two, three and four output ports models available as standard, others available upon request
- Power input is 50W as splitter, and 1W as combiner, other values are available upon request



| Specification | DPS-212 | DPS-312 | DPS-412 |
|--------------------------------|---|---|---|
| Type | Broadband power splitters | Broadband power splitters | Broadband power splitters |
| Frequency range | 698 – 2700 MHz | 698 – 2700 MHz | 698 – 2700 MHz |
| Number of ways | 2 | 3 | 4 |
| Split Loss | 3 dB | 4.8 dB | 6 dB |
| Insertion loss | < 0.5 dB | < 0.7 dB | < 0.7 dB |
| Power Rating | 50 W Average per port | 50 W Average per port | 50 W Average per port |
| VSWR | <=1.25 : 1 | <=1.3 : 1 | <=1.3 : 1 |
| Isolation between output ports | 20 dB min | 18 dB min | 18dB min |
| Connectors | N(f) | N(f) | N(f) |
| Temperature range, storage | -40° to 158° F -40° to +70° C | -40° to 158° F -40° to +70° C | -40° to 158° F -40° to +70° C |
| Temperature range, operation | -22° to 149° F -30° to +65° C | -22° to 149° F -30° to +65° C | -22° to 149° F -30° to +65° C |
| Environmental | IP60 | IP60 | IP60 |
| Dimension | 2.4 x 3.4 x 0.8 inches 62 x 88 x 22 mm | 2.7 x 4.8 x 0.88 inches 122 x 71 x 22 mm | 2.7 x 4.8 x 0.88 inches 71 x 122 x 22 mm |
| Weight | 0.5 lbs • 0.24 kg | 0.7 lbs • 0.34 kg | 0.79 lbs • 0.36 kg |

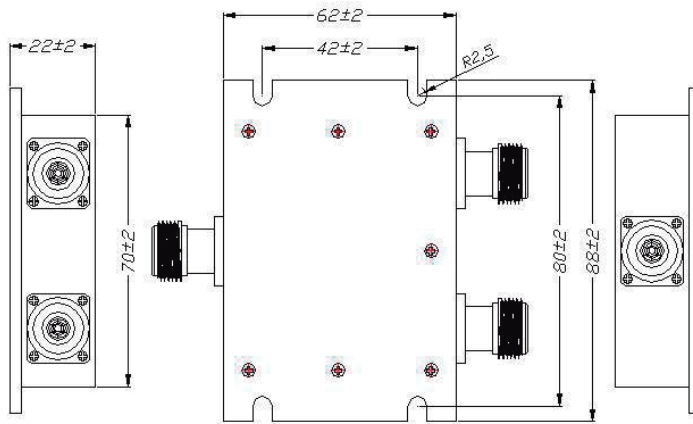
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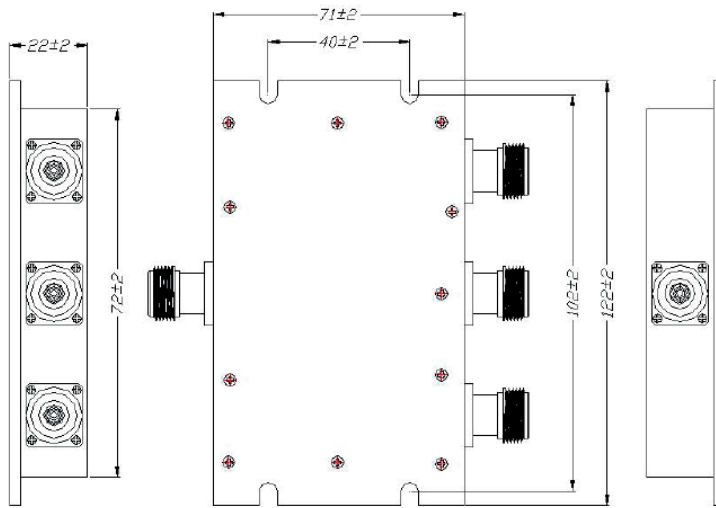
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