

# BROADBAND POWER SPLITTERS

## 800 - 2200 MHz

DPS Series

### 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

Broadband Power Splitter - DPS412



Specification	DPS212	DPS312	DPS412
Type	Broadband power splitters	Broadband power splitters	Broadband power splitters
Frequency range	800 – 2200 MHz	800 – 2200 MHz	800 – 2200 MHz
Number of ways	2	3	4
Insertion loss, over nominal	< 1.0 dB	< 1.0 dB	< 1.0 dB
Flatness	+/- 0.5 dB	+/- 0.5 dB	+/- 0.5 dB
Input power, as splitter	50 W	50 W	50 W
Input power, as combiner,	1 W	1 W	1 W
Return loss, all ports	20 dB min	20 dB min	20 dB min
Isolation between output ports	20 dB min	20 dB min	20 dB 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 158° F -30° to +70° C	-22° to 158° F -30° to +70° C	-22° to 158° F -30° to +70° C
Environmental	IP54	IP54	IP54
Dimension	3.8 x 3.8 x 1 inches 97 x 97 x 26 mm	4.6 x 3.7 x 1 inches 117 x 94 x 25 mm	5.5 x 3.7 x 1 inches 140 x 94 x 25 mm
Weight	0.5 lbs • 0.24 kg	0.7 lbs • 0.34 kg	0.9 lbs • 0.42 kg

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