

# BROADBAND POWER SPLITTERS

## 698 - 2700 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



Specification	DPS212	DPS312	DPS412
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
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	17 dB min	17 dB min	17 dB min
Isolation between output ports	20 dB min	18 dB min	17dB 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	3.5 x 3.8 x 0.8 inches 88 x 96 x 21 mm	4.7 x 4.2 x 0.88 inches 120 x 107 x 21 mm	4.7 x 4.2 x 0.88 inches 120 x 107 x 21 mm
Weight	0.5 lbs • 0.24 kg	0.7 lbs • 0.34 kg	0.9 lbs • 0.42 kg

DOC 5C046.03 - 26062017  
 Fiplex is a registered trademark of Fiplex Communications, Inc.  
 Fiplex Communications, Inc. reserves the right to change specifications without prior notice.