



Model: PS-0100-8N

Description: 8-Way Power Divider
Operating Frequency: 0.5 - 100 MHz
Insertion Loss: 1.2 dB Max
Isolation: 40 dB Min
VSWR: Sum Port 1.40:1 Max
..... Output Ports 1.40:1 Max
Amplitude Balance: ± 0.3 dB
Phase Balance: $\pm 2^\circ$ Max
Power Handling (@ SUM Port): Load VSWR= ∞ 2W AVG/CW Max
..... Load VSWR <2:1 8W AVG/CW Max
Connectors: N (f)
Impedance: 50 Ohms Nominal
Quality: Best-Commercial-Grade

Environmental Ratings:

Temperature: {Operating: -55°C to $+95^\circ\text{C}$ } & {Storage: -60°C to $+110^\circ\text{C}$ }
Humidity: MIL-STD-202F, Method 103B Cond. B (96 hours at 95% R.H.)
Shock: MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)
Vibration: MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G)
Altitude: MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)
Temp. Shock: MIL-STD-202F, Method 107D, Cond. A (5 cycles)

Outline

