

# 8-WAY POWER DIVIDER/COMBINER

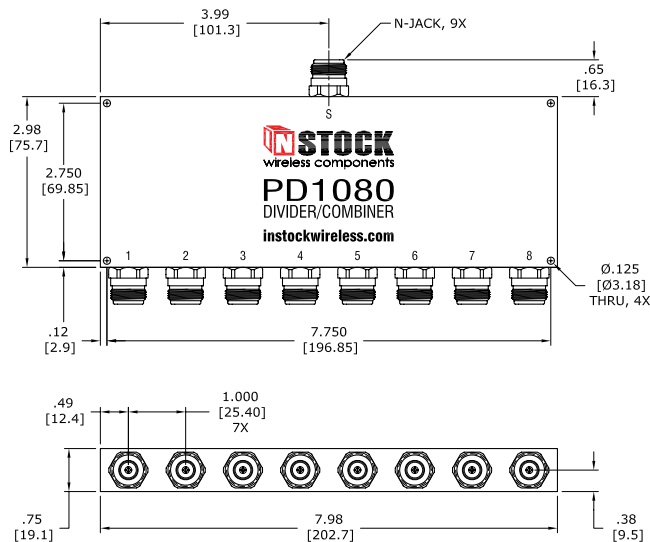
## 0.7-2.7 GHz, 40 Watts, N & SMA-Jack Connectors

### N-Jack Connectors



designed for optimum broadband performance

**PD1080** is a broadband 8-way power divider, power combiner furnished with N-Jack connectors. All wireless-band frequencies from 0.7 - 2.7 GHz are covered with optimum performance. Input power levels up to 40 watts can be handled in both power divider and power combiner scenarios. See **Power Divider Input Rating Tables** for specific details. Mechanical features include precision CNC machined, brass, N-Jack connectors with tri-alloy plating to insure tarnish resistance and low-PIM operation. Connector pins are gold-plated phosphor bronze for reliability ...

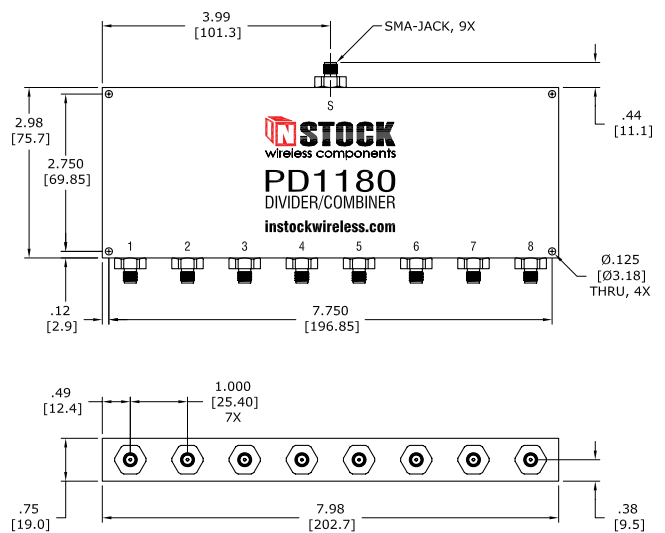


### SMA-Jack Connectors



precision designed & etched microstrip circuit

**PD1180** is a broadband 8-way power divider, power combiner furnished with SMA-Jack connectors. The heart of the unit is a precision designed and etched microstrip circuit on a low-loss, high-frequency, dielectric substrate. Electrical performance is highlighted by 1.3 dB max insertion loss, 22 dB min isolation, 1.35:1 max input VSWR and 1.15:1 max output VSWR. Equal power split and balance is displayed by 0.5 dB max amplitude balance and 6 degrees max phase balance. Narrow band performance is even better. See **Power Divider Test Sweeps** for specific details ...



Model No.	Connectors	Frequency Range	Insertion Loss (above 9.03 dB)	Amplitude Balance	Phase Balance	Isolation	Input VSWR	Output VSWR
PD1080	N-Jack	0.7-2.7 GHz	1.3 dB max	0.5 dB max	6° max	22 dB min	1.40:1 max	1.15:1 max
PD1180	SMA-Jack	0.7-2.7 GHz	1.3 dB max	0.5 dB max	6° max	22 dB min	1.35:1 max	1.15:1 max

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