

# 3-WAY POWER DIVIDER/COMBINER

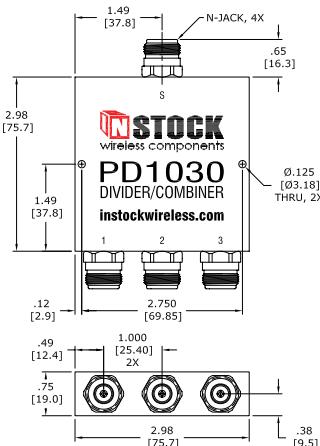
## 0.7-2.7 GHz, 40 Watts, N & SMA-Jack Connectors

### N-Jack Connectors



optimum broadband performance

**PD1030** is a broadband 3-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. PD1030 is covered by a 2-year warranty.

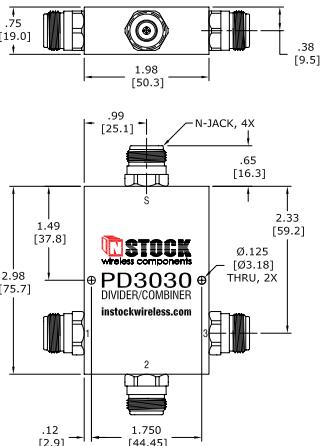


### N-Jack/T-Style



T-Style convenient cable access

**PD3030**'s T-Style housing allows convenient cable access to all connector ports. 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 and low contact resistance. Virgin electrical grade PTFE support insulators captivate the contact pins ...

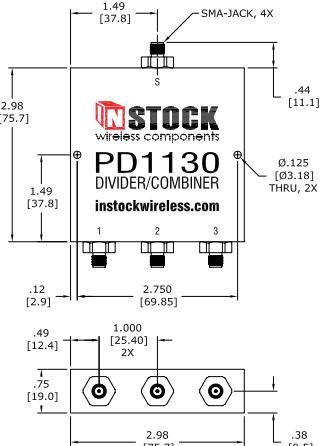


### SMA-Jack Connectors



true 3-way power split & balance

**PD1130** is a true 3-way power divider/power combiner with equal power split and balance. Electrical performance is highlighted by 0.7 dB max insertion loss, 22 dB min isolation, 1.30:1 max input VSWR and 1.15:1 max output VSWR. Equal power split and balance is displayed by 0.3 dB amplitude balance and 4° phase balance. Narrow band performance is even better. See test sweeps ...

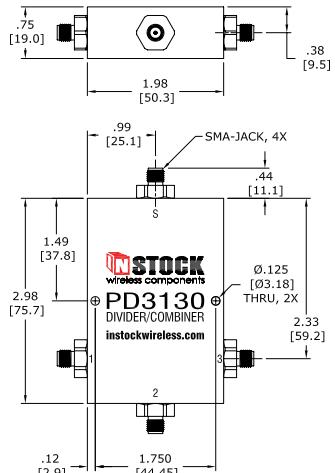


### SMA-Jack/T-Style



precision microstrip circuit

**PD3130** is a broadband 3-way power divider, power combiner furnished with SMA-Jack connectors in a T-Style housing. All wireless band frequencies from 0.7-2.7 GHz are covered with optimum performance. The heart of the unit is a precision designed and etched microstrip circuit on a low-loss, high frequency, dielectric substrate. Each power divider is 100% electrically tested ...



Model No.	Connectors	Frequency Range	Insertion Loss (above 4.77 dB)	Amplitude Balance	Phase Balance	Isolation	Input VSWR	Output VSWR
PD1030	N-Jack	0.7-2.7 GHz	0.7 dB max	0.3 dB max	4° max	22 dB min	1.35:1 max	1.15:1 max
PD3030	N-Jack/T-Style	0.7-2.7 GHz	0.7 dB max	0.3 dB max	4° max	22 dB min	1.35:1 max	1.15:1 max
PD1130	SMA-Jack	0.7-2.7 GHz	0.7 dB max	0.3 dB max	4° max	22 dB min	1.30:1 max	1.15:1 max
PD3130	SMA-Jack/T-Style	0.7-2.7 GHz	0.7 dB max	0.3 dB max	4° max	22 dB min	1.30:1 max	1.15:1 max

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