

12-WAY POWER DIVIDER/COMBINER

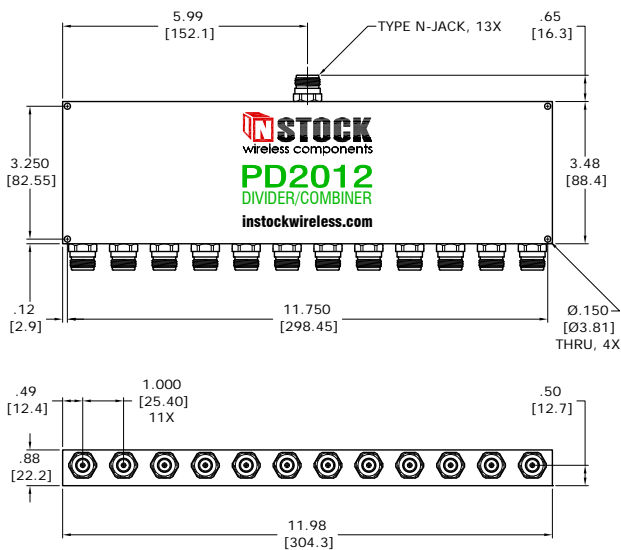
0.7-2.7 GHz, 40 Watts, N-Type & SMA-Jack Connectors, RoHS

N Type Female Connectors



designed for optimum broadband performance

PD2012 is an RF wideband, 12 way splitter, combiner furnished with 50 ohm, N type coaxial connectors. All wireless band frequencies from 700 to 2700 MHz are covered with optimum performance. Input power levels to 40 watts can be handled in both power divider and power combiner applications. See **Power Input Rating Tables** for specifics. Comprising **ROHS** construction, the rugged CNC housing is finished with a clear chem film; all soldering is lead-free. The precision designed Wilkinson microstrip circuit passes DC current to all ports, ideal for use in active systems. GPS antenna signal splitters and units passing DC to select ports and blocking DC to others are also available. Please inquire.

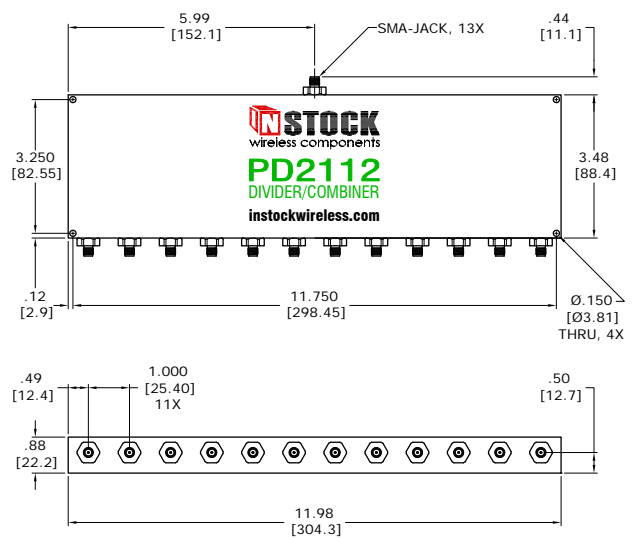


SMA Female Connectors



true 12-way power split and balance

PD2112 is a true 12-way, RF microwave power splitter combiner providing equal power split and balance. Furnished with SMA female coaxial connectors, the PD2112's electrical performance is highlighted by 1.5 dB max insertion loss, 18 dB min isolation, 1.45:1 max input VSWR and 1.25:1 max output VSWR. Narrow band performance for GSM, WCDMA and PCS applications may be even better. See **Test Sweeps** for specific details. The bi-directional Wilkinson splitter combiner circuit can be used to divide or combine signals with equal facility. In power dividing applications, the input signal is equally split into twelve output signals, down 10.79 dB from the incident due to the 1 : 12 power division.



Model No.	Connectors	Frequency Range	Insertion Loss (above 10.8 dB)	Amplitude Balance	Phase Balance	Isolation	Input VSWR	Output VSWR
PD2012	N-Type Female	0.7-2.7 GHz	1.5 dB max	0.5 dB max	8° max	18 dB min	1.45:1 max	1.25:1 max
PD2112	SMA Female	0.7-2.7 GHz	1.5 dB max	0.5 dB max	8° max	18 dB min	1.45:1 max	1.25:1 max

50 Intervale Road
 Boonton, NJ 07005 USA
 ph: 973.335.6550
 fx : 973.335.6770
 email: sales@instockwireless.com
 web: www.instockwireless.com

INSTOCK
 wireless components
Better Products. Better Prices.

- design
- manufacture
- direct sales