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Werbel Microwave Introduces 8-Way Power Divider for Broadband RF Signal Distribution

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[Werbel Microwave](#) has introduced the WM8PD-20-3000-N, an 8-way power divider designed to distribute RF signals across multiple channels from 20 MHz to 3 GHz. The broadband device provides equal power division with low insertion loss, high port-to-port isolation, and excellent amplitude and phase balance.

The WM8PD-20-3000-N features eight output ports and uses N-type female connectors throughout. Its 50-ohm matched architecture helps maintain signal integrity across the operating frequency range, making it suitable for commercial, industrial, laboratory, aerospace, and defense systems.

The power divider can be used in distributed antenna systems, wireless infrastructure, RF test and measurement equipment, and EMC testing environments. It also supports signal distribution in VHF, UHF, and L-band systems, including applications that require multiple antennas or simultaneous connections to several RF devices.

Key features of the WM8PD-20-3000-N include:

- Frequency range from 20 MHz to 3 GHz
- Eight-way equal power division
- Low insertion loss
- High port-to-port isolation
- Excellent amplitude and phase balance
- N-type female connectors
- 50-ohm matched ports

Designed and manufactured in the United States, the WM8PD-20-3000-N provides a rugged broadband solution for expanding RF test systems, feeding multiple antennas, and distributing signals throughout multi-channel RF networks.

For more information, contact sales@werbelmicrowave.com.

Supporting Links:

<https://werbelmicrowave.com/>

Tags:

Aerospace & Defense, DAS (Distributed Antenna Systems), EMC / EMI, RF, Test & Measurement

Contacts:

Contact Type: Sales

Name: Nick Ricciardi

Email: nick@werbelmicrowave.com

About Us:

Heading : About Werbel Microwave

Werbel Microwave manufactures precision RF and microwave components such as **couplers, power dividers, quadrature hybrids, resistive dividers and more** for defense and commercial applications including **SATCOM, AESA radar, EW/SIGINT, 4G/5G infrastructure, and RF test & measurement**. Privately owned since 2014, we're **ISO 9001:2015 certified** and **ITAR registered**, known for reliable, long-lasting components and responsive support for engineering teams that need it right the first time.