



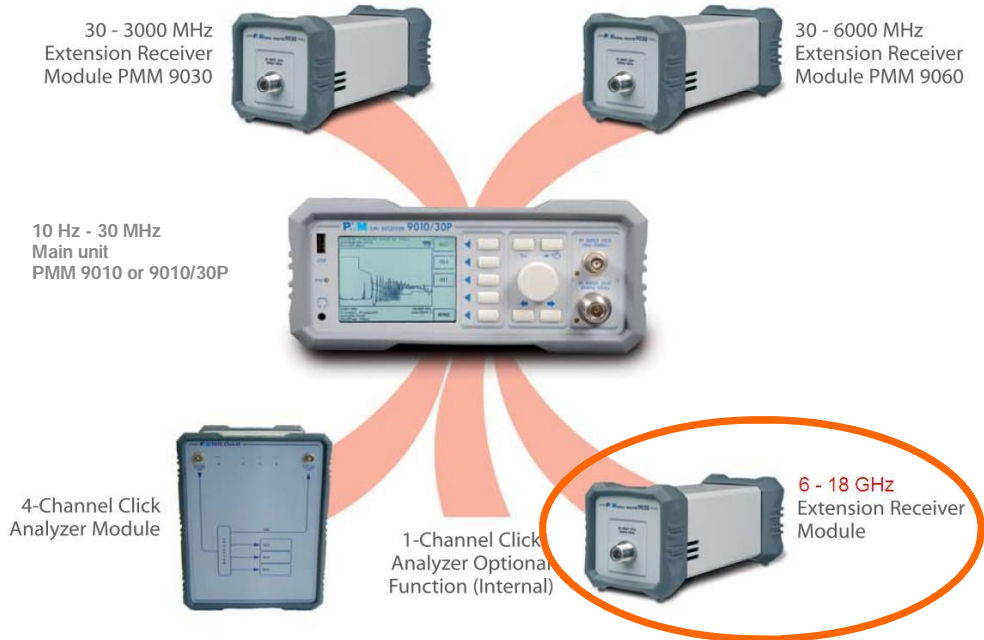
NEW PRODUCT

PMM 9180 18 GHz EMI Receiver Unit

18 GHz



The only full-compliant EMI receiver directly connected to the antenna



- Fiber optic high-speed digital communication replaces expensive cables and reduces uncertainty sources
- Rechargeable plug-in battery for long operation installed on the antenna mast
- Full compliance to CISPR 16-1-1 and MIL-STD
- Features all new detectors
- Cuts turnaround times and costs of periodic calibration check
- May avoid expensive preamplifiers



PMM 9180 18 GHz EMI Receiver Unit

PMM 9180	
Frequency range Resolution Reference frequency	6 GHz to 18 GHz 100 Hz < 2 ppm
RF input VSWR 10 dB RF att. 0 dB RF att. Attenuator Preamplifier gain	Z _{in} 50 Ω, N fem. (SMA) < 2 < 3 0 dB to 45 dB (5 dB steps) 20 dB
Max input level Sine wave AC voltage	137 dBuV (1 W) without damage
Preselector Frequency ranges	6 GHz to 9 GHz (Four bandpass filter) 9 GHz to 12 GHz 12 GHz to 15 GHz 15 GHz to 18 GHz
IF bandwidth	3, 10, 30, 100, 300 kHz (-6 dB) 9 kHz -120 kHz - 1 MHz (CISPR)
Noise level, 6 to 18 GHz Preselector ON - Preamplifier ON RBW 1 MHz Preselector ON - Preamplifier OFF RBW 1 MHz Preselector ON - Preamplifier ON RBW 10 kHz	PK < 8 dBμV (6 dBμV typ.) AVG < 3 dBμV (1 dBμV typ.) PK < 28 dBμV (26 dBμV typ.) AVG < 22 dBμV (20 dBμV typ.) PK < -12 dBμV (-14 dBμV typ.) AVG < -17 dBμV (-19 dBμV typ.)
Spurious response	< 20 dBuV
Measurement accuracy S/N > 20 dB	6 to 18 MHz ± 2.0 dB
I/O Interface	High Speed Optical
Operating temperature	-5° to 45°C
Power supply	10 - 15 Vdc, 2.5A Plug-in Li-Ion rechargeable battery (4h avg. duration)
Dimensions	235x105x105 mm
Weight	2.2 kg



Universal installation kit



Optical link up to 100 m



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