

Commodity Description

Item	Millimeter wave frequency extender for signal generator
Description	<p>A. GENERAL</p> <p>1.Frequency extension modules for signal generator expand the operating range of microwave signal generators up into the 140 to 220 GHz frequency range.</p> <p>2.It combines high output power and low phase noise with broad frequency coverage over WR5.1 waveguide bands.</p> <p>B. COMPONENTS</p> <p>1.Frequency extender module: 1ea</p> <p>2.External 9V DC power supply : 1 ea</p> <p>3.2.92 mm(m) to 2.92 mm (m) coaxial cable, 1.2 m length: 1 ea</p> <p>4.3.5 mm(f) to 3.5 mm(f) adapter : 1 ea</p> <p>C. SPECIFICATIONS</p> <p>1.Waveguide band : WR5.1</p> <p>2.Frequency range : 140 to 220 GHz</p> <p>3.Multiplication factor : 12 (standard), 6 (high)</p> <p>4.RF input frequency : 11.7 to 18.3 GHz (standard), 23.3 to 36.7 GHz (high)</p> <p>5.Output power : 0 to 4 dBm (typ.)</p> <p>6.RF input level</p> <ul style="list-style-type: none"> - Standard frequency : 7 to 13 dBm, 2.92 mm(f) connector - High frequency : -3 to 3 dBm, 2.4 mm(f) connector <p>7.Amplitude modulation : 0 – 5V, up to 1 kHz, BNC(f) connector</p> <p>8.AC input for power supply : 100-240 VAC, 3.5A, 50-60 Hz</p> <p>D. WARRANTY : 3 years warranty</p>