

Commodity Description

Item	Millimeter wave(75~100GHz) frequency extender for signal generator (WR10)
Description	<p>A. GENERAL</p> <ol style="list-style-type: none"> 1. Frequency extension modules for signal generator expand the operating range of microwave signal generators up into the 75 to 110 GHz frequency range. 2. It combines high output power and low phase noise with broad frequency coverage over WR10 waveguide bands. <p>B. COMPONENTS</p> <ol style="list-style-type: none"> 1. Frequency extender module : 1ea 2. External 9V DC power supply : 1 ea 3. 2.92 mm(m) to 2.92 mm (m) coaxial cable, 1.2 m length: 1 ea 4. 3.5 mm(f) to 3.5 mm(f) adapter : 1 ea <p>C. SPECIFICATIONS</p> <ol style="list-style-type: none"> 1. Waveguide band : WR10 2. Frequency range : 75 to 110 GHz 3. Multiplication factor : 6 (standard), 3 (high) 4. RF input frequency : 12.5 to 18.3 GHz (standard), 25.0 to 36.7 GHz (High) 5. Output power : 10 to 14 dBm (typ.) 6. RF input level <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 7. Amplitude modulation : 0 – 5V, up to 1 kHz, BNC(f) connector 8. AC input for power supply : 100-240 VAC, 3.5A, 50-60 Hz <p>D. WARRANTY : 3 years warranty</p>