



**OML Millimeter Wave Extension Module Prerequisites**

**Configuration for Anritsu Lightning VNA**

*(Discontinued Product: Replacement MS4640A/B Vector Star)*

Action	Part Number	Description
Choose and order one of the base VNA's with the options listed	373xxD	Vector Network Analyzer with Rev. 5.01 firmware or later
	372xxD	Vector Network Analyzer with Rev. 5.01 firmware of later
	373xxC	Vector Network Analyzer; Option 12 with Rev. 4.00 firmware or later (SM5621)
	372xxC	Vector Network Analyzer; Option 12 with Rev. 4.00 firmware or later (SM5621)
	371xxA	Vector Network Analyzer with Rev. 3.09 firmware or later
Order Test Set	3738A 3735 A/B	Broadband & mm-wave Test Set
LO Synthesizer Selection	MG3692/3/4B	Option 3 Low Phase Noise required for use above 110 GHz
	MG3692/3/4A	Option 15A High Power required, Option 3 Low Phase Noise required for use above 110 GHz
	69xxxA/B	20 GHz min. Option 15A High Power required, recommended for all millimeter waveguide bands
	68xxxA/B/C	20 GHz min. Option 15A High Power required, use only below 110 GHz
RF Synthesizer Selection	MG369xA/B	Option 3 Low Phase Noise required for use above 110 GHz
	69xxxA/B	20 GHz min. recommended for all millimeter wave bands
	68xxxA/B/C	20 GHz min use only below 110 GHz