

## Metrology Grade Calibration Kits

Substitute models		Specification						
Ceyear	Keysight	Grade	Freq (GHz)	Connector	Open	Short	SWR (loader)	SWR (Adapter)
AV31101	85054D	Metrology	DC to 18	N type	$\Delta\theta\leq\pm 1.5^\circ$	$\Delta\theta\leq\pm 1.5^\circ$	<1.055	<1.083
AV31111	85050D	Metrology	DC to 18	7mm	$\Delta\theta\leq\pm 0.5^\circ$	$\Delta\theta\leq\pm 0.5^\circ$	<1.04	
AV31121	85052D	Metrology	DC to 26.5	3.5mm	$\Delta\theta\leq\pm 1.5^\circ$	$\Delta\theta\leq\pm 1.5^\circ$	<1.055	<1.106
AV31121MA	85520A	Laboratory	DC to 26.5	3.5mm	$\Delta\theta\leq\pm 2^\circ$	$\Delta\theta\leq\pm 2^\circ$	<1.065	<1.12
AV31121MB	85521A	Laboratory	DC to 26.5	3.5mm	$\Delta\theta\leq\pm 2^\circ$	$\Delta\theta\leq\pm 2^\circ$	<1.065	<1.12
AV31123A	85056D	Metrology	DC to 50	2.4mm	$\Delta\theta\leq\pm 2.25^\circ$	$\Delta\theta\leq\pm 2.0^\circ$	<1.106	<1.222
AV31123M	85056D	Laboratory	DC to 50	2.4mm	$\Delta\theta\leq\pm 6^\circ$	$\Delta\theta\leq\pm 4.5^\circ$	<1.17	<1.15
AV31128	85058E	Metrology	DC to 67	1.85mm	$\Delta\theta\leq\pm 2.0^\circ$	$\Delta\theta\leq\pm 2.0^\circ$	<1.15	<1.25
AV31104	85032E	Metrology	DC to 6	N type	$\leq\pm 1.0^\circ$	$\leq\pm 1.0^\circ$	<1.023	<1.029
AV20201	85032F	Metrology	DC to 9	N type	$\leq\pm 1.2^\circ$	$\leq\pm 1.0^\circ$	<1.029	<1.052
AV31121A	85033D	Metrology	DC to 6	3.5mm	$\leq\pm 0.85^\circ$	$\leq\pm 0.55^\circ$	<1.029	<1.04
AV31121B	85033D	Metrology	DC to 6	3.5mm	$\leq\pm 0.85^\circ$	$\leq\pm 0.55^\circ$	<1.029	<1.04
AV31121C	85033D	Metrology	DC to 6	3.5mm	$\leq\pm 0.85^\circ$	$\leq\pm 0.55^\circ$	<1.029	<1.04
AV20202A	85033E	Metrology	DC to 9	3.5mm	$\leq\pm 1^\circ$	$\leq\pm 0.85^\circ$	<1.029	<1.052
AV20202B	85033E	Metrology	DC to 9	3.5mm	$\leq\pm 1^\circ$	$\leq\pm 0.85^\circ$	<1.029	<1.052
AV20204	85036B	Metrology	DC to 3	N type 75 $\Omega$	$\leq\pm 1.6^\circ$	$\leq\pm 1.2^\circ$	<1.04	<1.04
AV20206	85056KE02	Metrology	DC to 40	2.92mm	$\leq 6.0^\circ$	$\leq 4.5^\circ$	<1.17	<1.12
AV20402	N4690C		300kHz to 18GHz	N type (f/m)				
AV20403	N4691B and N7555A		10MHz to 26.5GHz	3.5mm (f/m)				
AV20404	N4693A		45MHz to 40GHz	2.4mm (f/m)				
AV20405	N4433A		10MHz to 20GHz	3.5mm (f/f/f/f)				