

Keysight Calibration Kit Definitions > 8510 1.00mmA.1B

1.00mmA.1B Calibration Kit

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Standard Definitions

Std. No.	Standard Type	C0/L0 Term Z	C1/L1	C2/L2	C3/L3	Load Type	Offset Delay	Offset Z0	Offset Loss	Min Freq (GHz)	Max Freq (GHz)	Medium	Standard Label
#1	Short	0.2885	40.24719	-0.9816	0.0057	Fixed	8.149	50	7.93	0	999	Coax	(F) SHORT3
#2	Open	31.043	274.89697	-6.625	0.0539	Fixed	6.575	50	8	0	999	Coax	(F) OPEN
#3	Short	4.3065	-156.37903	1.9852	-0.0081	Fixed	8.149	50	7.9	0	999	Coax	(M) SHORT3
#4	Open	28.39999	543.35596	-11.754	0.0793	Fixed	6.575	50	8	0	999	Coax	(M) OPEN
#5	Short	0.3102	39.39259	-0.9732	0.0057	Fixed	8.149	50	8.03	0	999	Coax	M SHRT 3BB
#6	Open	31.043	274.89697	-6.625	0.0539	Fixed	6.575	50	7.5	0	999	Coax	M OPEN
#7	Short	4.334	-157.61804	2.0001	-0.0081	Fixed	8.156	50	7.97	0	999	Coax	F SHRT 3BB
#8	Open	28.39999	543.35596	-11.754	0.0793	Fixed	6.575	50	7.8	0	999	Coax	F OPEN BB
#9	Load					Fixed	0	50	0	0	50.5	Coax	LOAD LB
#10	Load					Fixed	0	50	0	0	999	Coax	LOAD BB
#11	Thru					Fixed	0	50	0	0	999	Coax	THRU
#12	Short	0	0	0	0	Fixed	4.316	50	8	0	999	Coax	(F) SHORT1
#13	Short	-19.464	639.3219	-6.578	0.0216	Fixed	6.064	50	8.8	74.9	999	Coax	M SHORT 2
#14	Short	0.9817	31.11889	-1.10283	0.0064	Fixed	8.149	50	8.06	49.9	999	Coax	M SHORT 3
#15	Short	5.2245	-184.29001	2.1514	-0.0077	Fixed	9.984	50	8.33	49.9	75.1	Coax	M SHORT 4
#16	Short	0	0	0	0	Fixed	4.136	50	8	0	999	Coax	(M) SHORT1
#17	Short	15.748	-486.44006	4.658	-0.0137	Fixed	6.071	50	8.86	74.9	999	Coax	F SHORT 2
#18	Short	8.2822	-307.45306	3.8042	-0.0151	Fixed	8.156	50	8.01	49.9	999	Coax	F SHORT 3
#19	Short	43.113	-1901.57031	26.7313	-0.1198	Fixed	9.99	50	8.34	49.9	75.1	Coax	F SHORT 4
#20	Thru					Fixed	42.49999	50	7.9	0	999	Coax	ADAPTER
#21	Load					Fixed	99998.97088	50	0	0	999	Coax	LOAD BB

Class Assignments

	A	B	C	D	E	F	G	Standard Class Label
S11A	2	4						OPEN
S11B	1	3						SHORT
S11C	10							LOAD
S22A	2	4						OPEN
S22B	1	3						SHORT
S22C	10							LOAD
Forward Transmission	11							THRU
Reverse Transmission	11							THRU
Forward Match	11							THRU
Reverse Match	11							THRU
Forward Isolation	10							LOAD
Reverse Isolation	10							LOAD
Frequency Response	2	4	1	3	11			RESPONSE
TRL Thru or Line	11							THRU
TRL Reflect	12	16						SHORT
TRL Line or Match	21							LOAD
Adapter	20							ADAPTER

VNA = Agilent 8510C

SYSTEM Z0 = 50 ohm

TRL Set Ref = Thru

TRL Cal Z0 = System Z0

TRL Lowband Frequency = 0 GHz

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