

Keysight Calibration Kit Definitions > 8510 1.85mmEA.2

1.85mmEA.2 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	0.9658	8.9552	-0.7884	0.0079	Fixed	18.01199	50	4.0608	0	999	Coax	(F)Shrt1BB
#2	Open	2.2757	0.60959	-3.9739	0.05204	Fixed	18.011	50	3.2815	0	999	Coax	(F)Open BB
#3	Short	1.4957	-323.17999	11.624	-0.10939	Fixed	18.01199	50	4.0812	0	999	Coax	(M)Shrt1BB
#4	Open	-3.5342	425.23999	-13.946	0.12741	Fixed	18.001	50	3.2822	0	999	Coax	(M)Open BB
#5	Thru					Fixed	0	50	0	0	0	Coax	
#6	Thru					Fixed	0	50	0	0	0	Coax	
#7	Thru					Fixed	0	50	0	0	0	Coax	
#8	Thru					Fixed	0	50	0	0	0	Coax	
#9	Load					Fixed	0	50	0	0	999	Coax	Broadband
#10	Thru					Fixed	0	50	0	0	999	Coax	BB Load
#11	Thru					Fixed	0	50	0	0	999	Coax	Thru
#12	Thru					Fixed	18.01199	50	4.0087	34.9	999	Coax	(F)Shrt1HB
#13	Thru					Fixed	87.41799	50	4	0	999	Coax	Adapter
#14	Thru					Fixed	1E+12	50	4	0	999	Coax	Load
#15	Thru					Fixed	25.351	50	3.8911	34.9	55	Coax	(F)Shrt4
#16	Thru					Fixed	18.01199	50	4.0306	34.9	999	Coax	(M)Shrt1HB
#17	Thru					Fixed	21.015	50	3.9661	34.9	999	Coax	(M)Shrt2
#18	Thru					Fixed	23.75	50	3.9432	45	999	Coax	(M)Shrt3
#19	Thru					Fixed	25.351	50	3.8798	34.9	55	Coax	(M)Shrt4
#20	Thru					Fixed	0	50	0	0	999	Coax	
#21	Thru					Fixed	99998.9993	50	0	0	999	Coax	Load

Class Assignments

	A	B	C	D	E	F	G	Standard Class Label
S11A	2	4						Open
S11B	1	3						Short
S11C	9							Load
S22A	2	4						Open
S22B	1	3						Short
S22C	9							Load
Forward Transmission	11							Thru
Reverse Transmission	11							Thru
Forward Match	11							Thru
Reverse Match	11							Thru
Forward Isolation	9							Isol'n Std
Reverse Isolation	9							Isol'n Std
Frequency Response	1	2	3	4	11			Response
TRL Thru or Line	11							Thru
TRL Reflect	1							Short
TRL Line or Match	14							Match
Adapter	13							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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