

Keysight Calibration Kit Definitions

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- [Cal Kit Editor](#) - Edit cal kit definitions and convert cal kit definitions formats
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- F/W: Firmware; N/A: Not Available; N/S: Not Supported

Model	Description	PNA, ENA, FieldFox	8510 (.CK_)	8753D (.ck)	872xD (.ck)	8753E/ES/ET (.ck)	872xES/ET (.ck)
85031B	7 mm Calibration Kit	X ¹	N/S	In F/W	In F/W	In F/W	In F/W
85032B/E	50 Ohm Type-N Calibration Kit	X ¹	N/S	In F/W	In F/W	In F/W	In F/W
85032F	50 Ohm Type-N Calibration Kit	X ¹	N/S	D53N5F	N/S	In F/W	In F/W
85033D	3.5 mm Calibration Kit	X ¹	N/S	In F/W	In F/W	In F/W	In F/W
85033E	3.5 mm Calibration Kit	X ¹	N/S	D5335E	N/S	In F/W	In F/W
85036B/E	75 Ohm Type-N Calibration Kit	X ¹	N/S	In F/W	In F/W	In F/W	In F/W
85038A	7-16 Calibration Kit	X ¹	CK_716A	N/S	D2X38A	E5338A	E5338A
85039B	75 Ohm Type F Calibration Kit	X ¹	N/S	D5339B	N/S	E5339B	E5339B
85050B	7 mm Calibration Kit	X ¹	CK_7MMB2	N/S	In F/W	N/S	In F/W
85050C	7 mm Precision Calibration Kit	X ¹	CK_7MMC2	N/S	In F/W	N/S	In F/W
85050D	7 mm Economy Calibration Kit	X ¹	CK_7MMD	N/S	In F/W	N/S	In F/W
85052B	3.5 mm Calibration Kit	X ¹	CK_35MMB	N/S	In F/W	N/S	In F/W
85052C	3.5 mm Precision Calibration Kit	X ¹	CK_35MMC	N/S	In F/W	N/S	In F/W
85052D	3.5 mm Economy Calibration Kit	X ¹	CK_35MMD	N/S	In F/W	N/S	In F/W
85054B	50 Ohm Type-N Calibration Kit	X ¹	CK_NTYPB2	N/S	In F/W	N/S	In F/W
85054D	50 Ohm Type-N Economy Calibration Kit	X ¹	CK_NTYPD2	N/S	In F/W	N/S	In F/W
85056A	2.4 mm Calibration Kit	X ¹	CK_24MMA	N/S	In F/W	N/S	In F/W
85056D	2.4 mm Economy Calibration Kit	X ¹	CK_24MMD	N/S	In F/W	N/S	In F/W
85056K	2.4 mm and 2.92 mm Calibration Kit	X ¹	CK_292MM	N/S	In F/W	N/S	In F/W
85058B	1.85 mm Calibration Kit	----	CK_185MMBA2	N/S	N/S	N/S	N/S
85058B	1.85 mm Calibration Kit (Databased)	X ¹	N/A	N/S	N/S	N/S	N/S
85058BP	1.85 mm Calibration Kit (Polynomial)	X ¹	N/A	N/S	N/S	N/S	N/S
85058D	1.85 mm Calibration Kit	----	CK_185MMD	N/S	N/S	N/S	N/S
85058E	1.85 mm Economy Calibration Kit	----	CK_185MMEA2	N/S	N/S	N/S	N/S
85058E	1.85 mm Economy Calibration Kit (Databased)	X ¹	N/A	N/S	N/S	N/S	N/S
85058EP	1.85 mm Economy Calibration Kit (Polynomial)	X ¹	N/A	N/S	N/S	N/S	N/S
85059A	1.0 mm Multi-short banded Calibration Kit	----	CK_1MMA	N/S	N/S	N/S	N/S
85059A	1.0 mm Open-Short-Load Broadband Calibration Kit	----	CK_1MMB	N/S	N/S	N/S	N/S
85059A	1.0 mm Calibration/Verification Kit (Databased)	X	N/A	N/S	N/S	N/S	N/S
85059AP	1.0 mm Calibration/Verification Kit (Polynomial)	X	N/A	N/S	N/S	N/S	N/S
85059B	1.0 mm Calibration/Verification Kit (Databased)	X	N/A	N/S	N/S	N/S	N/S
N9910x-800	Type-N (m) 3-in-1 cal kit, 50 ohm	X	N/A	N/S	N/S	N/S	N/S
N9910x-801	Type-N (f) 3-in-1 cal kit, 50 ohm	X	N/A	N/S	N/S	N/S	N/S

N9910x-802	7/16 DIN (m) 3-in-1 cal kit	X		N/A	N/S	N/S	N/S	N/S
N9910x-803	7/16 DIN (f) 3-in-1 cal kit	X		N/A	N/S	N/S	N/S	N/S
85514A	Type-N (m) 4-in-1 cal kit, 50 ohm	X		N/A	N/S	N/S	N/S	N/S
85515A	Type-N (f) 4-in-1 cal kit, 50 ohm	X		N/A	N/S	N/S	N/S	N/S
85518A	Type-N (m) 4-in-1 cal kit, 50 ohm	X		N/A	N/S	N/S	N/S	N/S
85519A	Type-N (f) 4-in-1 cal kit, 50 ohm	X		N/A	N/S	N/S	N/S	N/S
85520A	3.5mm (m) 4-in-1 cal kit	X		N/A	N/S	N/S	N/S	N/S
85521A	3.5mm (f) 4-in-1 cal kit	X		N/A	N/S	N/S	N/S	N/S
85561A	2.92mm (f) 4-in-1 cal kit	X		N/A	N/S	N/S	N/S	N/S
85562A	2.92mm (m) 4-in-1 cal kit	X		N/A	N/S	N/S	N/S	N/S
85563A	2.4mm (f) 4-in-1 cal kit	X		N/A	N/S	N/S	N/S	N/S
85564A	2.4mm (m) 4-in-1 cal kit	X		N/A	N/S	N/S	N/S	N/S
Maury 8650S	TNC cal kit	X		N/A	N/S	N/S	N/S	N/S
Waveguide								
X11644A	X-Band WR 90 Calibration Kit	X		CK_WR90A	N/S	WR90A1	N/S	WR90A1
P11644A	P-Band WR 62 Calibration Kit	X		CK_WR62A	N/S	WR62A1	N/S	WR62A1
K11644A	K-Band WR 42 Calibration Kit	X		CK_WR42A	N/S	WR42A1	N/S	WR42A1
R11644A	R-Band WR 28 Calibration Kit	X		CK_WR28A	N/S	WR28A3	N/S	WR28A3
Q11644A	Q-Band WR 22 Calibration Kit	X		CK_WR22A	N/S	N/S	N/S	N/S
U11644A	U-Band WR 19 Calibration Kit	X		CK_WR19A	N/S	N/S	N/S	N/S
V11644A	V-Band WR 15 Calibration Kit	X		CK_WR15A	N/S	N/S	N/S	N/S
W11644A	W-Band WR 10 Calibration Kit	X		CK_WR10A	N/S	N/S	N/S	N/S

Notes:

1. Cal Kit definitions must be manually typed into the ENA.
2. The Cal standard sex, used in the pre-defined calibration standard label of the ENA / ENA-L firmware, indicates the connector sex of the test port end. It is the opposite sex from the connector sex of the cal standard or DUT end.
3. .xml format is necessary for FieldFox N9912A models with firmware A07.51. Firmware revisions A07.52 or higher can use the newer .xkt format.
4. Cal kit definition files for the 3-in-1 or 4-in-1 cal kits are not preloaded onto the PNA, ENA, or ENA-L. To use these cal kits with the PNA, load the .xkt file onto the analyzer. To use these cal kits with the ENA or ENA-L, the .ckx files have to be manually created for these standards. Uncertainty charts for these cal kits are not provided for PNA.

Last modified: 13 Mar 2019.