

Precision Type N Calibration Kit

(Equivalent to Agilent 85032B/E)

Model	Description	SKU No.
PUC600N	Calibration Kit (type N, 50 Ω, 6GHz male)	55-0206



PUC600N

Scope:

The PUC600N calibration kit is designed for N-type port calibration on vector network analyzers with frequency range of DC ~ 6GHz. The PUC600N calibration kit can replace Agilent 85032B/E calibration kits. The 85032B/E calibration coefficient data can be used directly to achieve the high calibrations specification. The PUC600N contains 8 pcs of items included open and short for N male and female, broadband loads for N male and female connectors as well as the N through adaptors for male and female connectors.

ELECTRICAL SPECIFICATIONS	
Frequency band	DC-6GHz
Return Loss M Load	<-42dB DC-3GHz
	<-39dB DC-6GHz
Return Loss F Load	<-42dB DC-3GHz
	<-39dB DC-6GHz
Phase Deviation (OPEN / SHORT)	≤0.6 ° DC-3GHz
	≤0.8 ° 3GHz - 6GHz

Note: vale at 25°C sea level

MECHANICAL SPECIFICATIONS	
CONNECTOR BODY	Stainless Steel Passivated
INNER PIN	Au-plated CuBe alloy
INSULATOR	PTFE Virgin Electrical Grade
TORQUE:	1.35N-m
CYCLE LIFE:	2000Min.
WOOD BOX:	282mm X 202mm X 78mm
WEIGHT:	750g

RoHS compliant: Yes

Calibration Coefficient

Model	C0 F(e-15)	C1 F(e-27)/Hz	C2 F(e-36)/Hz^2	C3 F(e-45)/Hz^3	Delay (pSec)	Loss (Gohm/Sec)	Z0 (Ohm)
PUC600NM - Open	62.14	-143.07	82.92	0.7824	17.4	0.7	50
PUC600NF - Open	119.09	-36.955	26.258	5.5136	0	0.7	50

Model	L0 F(e-12)	L1 F(e-24)/Hz	L2 F(e-33)/Hz^2	L3 F(e-42)/Hz^3	Delay (pSec)	Loss (Gohm/Sec)	Z0 (Ohm)
PUC600NM - Short	0	0	0	0	17.8	2.1002	50.209
PUC600NF - Short	0	0	0	0	9.3E-2	0.7	49.992

Note:

Racomtech reserves the right to change the specifications and information without notice
One year limited warranty, refer to our warranty policy.

Through Adaptors:

Model	Description	SKU No.
NN-MM-18-120	N(Male) to N(Male) adapter, DC-18GHz VSWR<1.10	01-0980
NN-FF-18-120	N(Female) to N(Female) adapter, DC-18GHz VSWR<1.10	01-0981