

## Economy Type N (Female) Calibration Kits

(Equivalent to Agilent 85032BE)

Model	Description	SKU No.
EUC300NF	Calibration Kit (type N, 50 Ω, female)	55-0203F



EUC300NF

### Scope:

The EUC300NF calibration kit is designed for N-type port calibration on vector network analyzers with frequency range of DC ~ 3GHz. The EUC300N calibration kit can replace Agilent 85032BE calibration kits, the 85032BE calibration coefficient data can be used directly to achieve the high calibrations specification below.

ELECTRICAL SPECIFICATIONS	
Frequency band	DC-3GHz
Return Loss M Load	<-42dB DC-3GHz
Return Loss F Load	<-42dB DC-3GHz
Phase Deviation ( OPEN / SHORT )	≤0.8 ° DC-3GHz ≤1.0 ° 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:	142mm X 142mm X 55mm
WEIGHT:	350g

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)
EUC600NM - Open	62.14	-143.07	82.92	0.7824	17.4	0.7	50
EUC600NF - 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)
EUC600NM - Short	0	0	0	0	17.8	2.1002	50.209
EUC600NF - 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.

### Options:

Model	Description	SKU No.
NN-MM-18-120	N(Male) to N(Male) adapter, DC-18GHz VSWR<1.20	01-0980
NN-FF-18-120	N(Female) to N(Female) adapter, DC-18GHz VSWR<1.20	01-0981
EUC300NM	Calibration Kit (type N, 50 Ω, male)	55-0203M