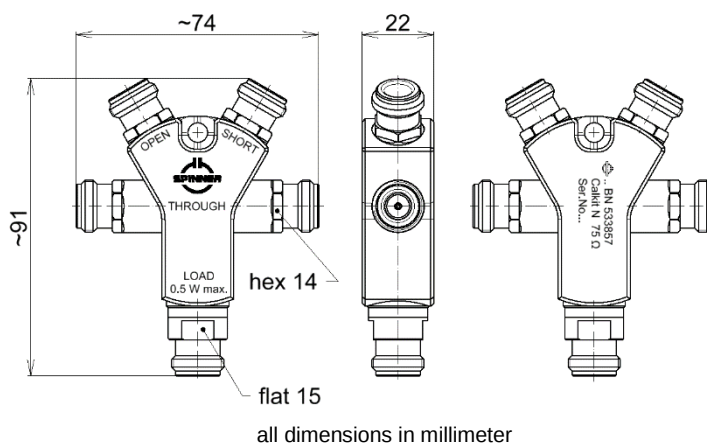


OSLT Compact Calibration Kit (4-in-1) || BN 533857R000



Radio frequency characteristics

Interface type		N socket (75 ohms) per IEC 61169-16
Frequency range		DC to 3 GHz
THROUGH	Return loss, min.	34 dB @ DC to 3 GHz
	Insertion loss, max.	0.05 dB @ DC to 3 GHz
OPEN	Phase deviation, max.	2 deg. @ DC to 3 GHz
SHORT	Phase deviation, max.	1.5 deg. @ DC to 3 GHz
LOAD	DC-resistance	75 $\Omega \pm 0.75 \Omega$
	Return loss, min.	36 dB @ DC to 3 GHz
	Power rating, max.	0.5 W

Calibration data

Format		Keysight / Anritsu	Rohde & Schwarz
THROUGH	Electrical delay / length	242.001 ps	72.55 mm
OPEN	C0	$-3.576 \times 10^{-15} \text{ F}$	-3.576 fF
	C1	$-1226 \times 10^{-27} \text{ F/Hz}$	-1.226 fF/GHz
	C2	$1312 \times 10^{-36} \text{ F/Hz}^2$	$1.312 \text{ fF}/(\text{GHz})^2$
	C3	$-186.5 \times 10^{-45} \text{ F/Hz}^3$	$-0.1865 \text{ fF}/(\text{GHz})^3$
	Offset	38.393 ps	11.51 mm
SHORT	L0	$46.67 \times 10^{-12} \text{ H}$	46.67 pH
	L1	$-13100 \times 10^{-24} \text{ H/Hz}$	-13.1 pH/GHz
	L2	$-1093 \times 10^{-33} \text{ H/Hz}^2$	$-1.093 \text{ pH}/(\text{GHz})^2$
	L3	$398.6 \times 10^{-42} \text{ H/Hz}^3$	$0.3986 \text{ pH}/(\text{GHz})^3$
	Offset	53.57 ps	16.06 mm
Offset loss		1.1 G Ω /s	

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Mechanical characteristics

Center conductor material / surface finish	CuBe age hardened, copper alloy / gold-plated
Outer conductor material / surface finish	copper alloy / CuSnZn-plated
Insulation	cross linked polystyrene, PTFE
Other metallic parts / surface finish	copper alloy / CuSnZn-plated aluminium / anodised (yellow)
Weight, approx.	0.25 kg
Marking	laser engraving

Environmental conditions

Operation	
Ambient temperature range	-10 to +55°C
Storage	
Ambient temperature range	-40 to +70°C (in line with EN 60068-2-1 and EN 60068-2-2)

Scope of delivery and accessories

Scope of delivery	certificate of calibration, protective caps, protective bag, data sheet, handling instructions
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