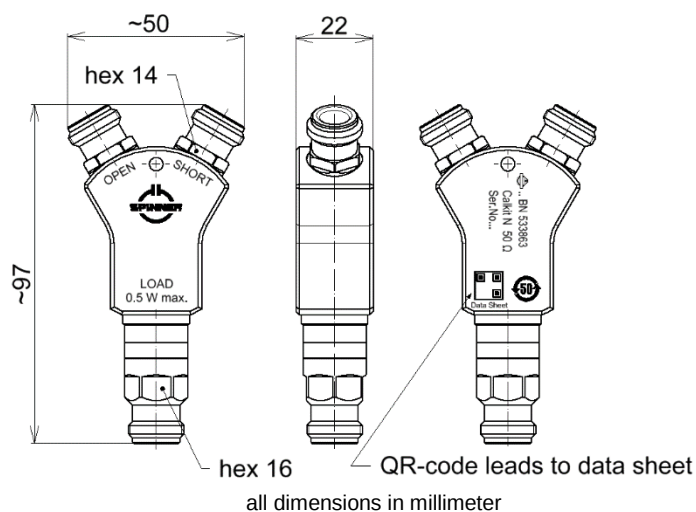


OSL Compact Calibration Kit (3-in-1) || BN 533863R000



Radio frequency characteristics

Interface type		N socket per IEC 61169-16
Frequency range		DC to 7.5 GHz
OPEN	Phase deviation, max.	2 deg. @ DC to 4 GHz
		3 deg. @ 4 to 7.5 GHz
SHORT	Phase deviation, max.	1.25 deg. @ DC to 7.5 GHz
LOAD	DC-resistance	50 Ω ± 0.5 Ω
	Return loss, min.	42 dB @ DC to 6 GHz
		35 dB @ 6 to 7.5 GHz
	Power rating, max.	0.5 W

Calibration data

Format		Keysight (former Agilent) / Anritsu	Rohde & Schwarz
OPEN	C0	$0.0392 \times 10^{-15} \text{ F}$	0.0392 fF
	C1	$1545 \times 10^{-27} \text{ F/Hz}$	1.545 fF/GHz
	C2	$-21.25 \times 10^{-36} \text{ F/Hz}^2$	$-0.02125 \text{ fF}/(\text{GHz})^2$
	C3	$-21.54 \times 10^{-45} \text{ F/Hz}^3$	$-0.02154 \text{ fF}/(\text{GHz})^3$
	Offset	53.437 ps	16.02 mm
SHORT	L0	$24 \times 10^{-12} \text{ H}$	24 pH
	L1	$-23480 \times 10^{-24} \text{ H/Hz}$	-23.48 pH/GHz
	L2	$5182 \times 10^{-33} \text{ H/Hz}^2$	$5.182 \text{ pH}/(\text{GHz})^2$
	L3	$-312.2 \times 10^{-42} \text{ H/Hz}^3$	$-0.3122 \text{ pH}/(\text{GHz})^3$
	Offset	53.437 ps	16.02 mm
Offset loss		0.82 GΩ/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	PMP, PTFE
Other metallic parts / surface finish	aluminium / anodised (blue)
Weight, approx.	180 g
Marking	laser engraving

Component Name	Toxic or Hazardous Substances and Elements					
	Pb	Hg	Cd	Cr 6+	PBB	PBDE
Metal parts	X	O	O	O	O	O

The environmental protection use period of 50 years is valid, if the product is used as intended.

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	protective caps, handling instructions
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