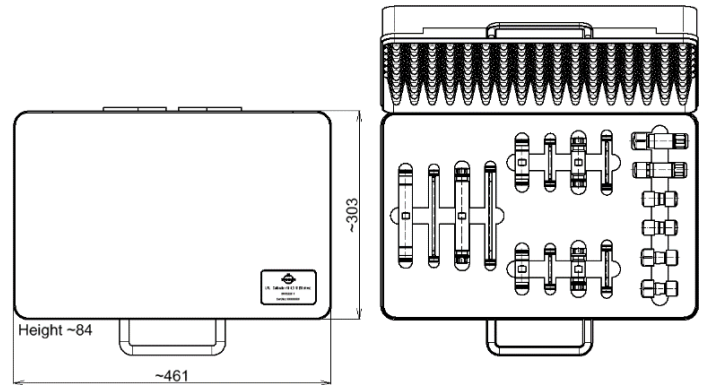


LRL Calibration Kit || BN 533319



picture similar



all dimensions in millimeter

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Radio frequency characteristics

Interface type	4.3-10 plug and socket per IEC 61169-54		
Frequency range	DC to 12 GHz		
BEADLESS REFERENCE AIR LINES	Model	Nominal electrical length ^{*)}	
	B21446 (plug / plug)	50 mm	
	B27870 (socket / socket)	50 mm	
	B21445 (plug / plug)	60 mm	
	B27869 (socket / socket)	60 mm	
	B21383 (plug / plug)	126.6 mm	
	B27868 (socket / socket)	126.6 mm	
	Characteristic impedance	50 Ω ± 0.1 Ω	
SHORTS	533305R000 (plug)	31.1 mm	
	533306R000 (socket)	31.1 mm	
INTER-SERIES ADAPTORS	194440	Return loss, min.	44 dB - (1 dB x f [GHz])
	194442		

^{*)} The actual electrical length of the air lines and shorts can be taken from the technical data which is included in delivery.

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Mechanical characteristics of reference air lines

Center conductor material / surface finish	CuBe age hardened, copper alloy / gold-plated (0.2 µm)
Outer conductor material / surface finish	copper alloy / gold-plated (0.7 µm)
Other metallic parts / surface finish	copper alloy / nickel-plated
Weight, approx.	1.5 kg
Marking	laser engraving

Environmental conditions

Operation	
Ambient temperature range	+18 to +28°C ¹⁾
Storage	
Ambient temperature range	-40 to +70°C (in line with EN 60068-2-1 and EN 60068-2-2)

¹⁾ Temperature range within all components maintain conformance to their specification.

Scope of delivery and accessories

Scope of delivery	technical data, storage case
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