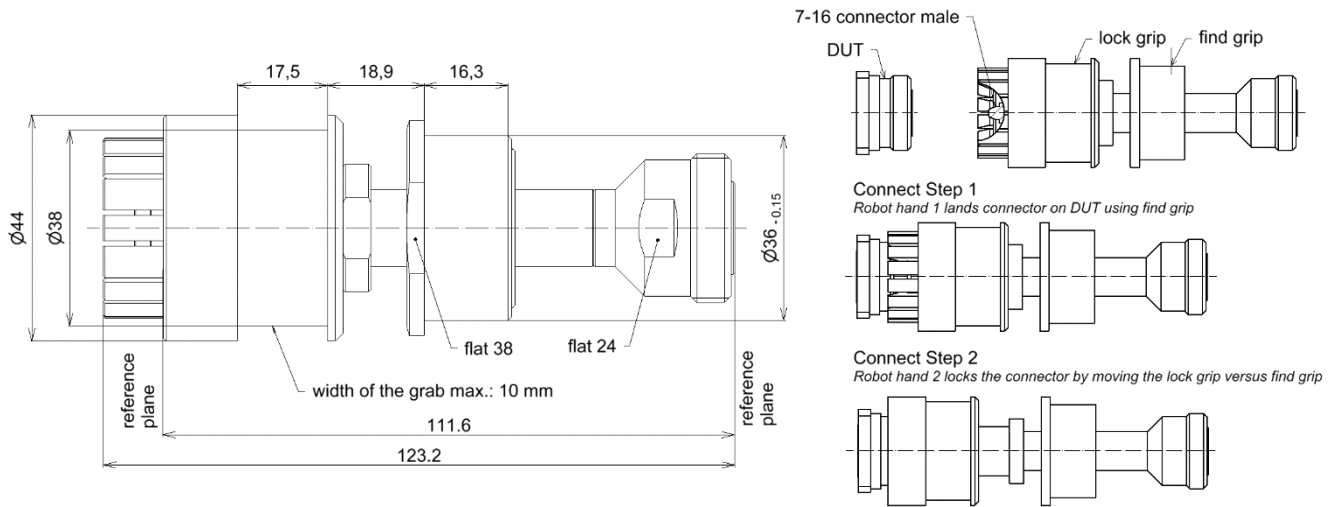


Adaptor Push-Pull Type 7-16 Plug to 7-16 Socket || BN 293820



all dimensions in millimeter

Interface type	7-16 (50 Ω) per IEC 61169-4 not suitable for sockets with slotted outer conductor	
Version	push-pull self-locking plug for automated and manual handling tasks	
Frequency range	DC to 2.7 GHz	
VSWR, max.	1.08 @ DC to 2.7 GHz	
Intermodulation (IM3) 2x20 W max.	-163 dBc (for first 5,000 ¹⁾ matings)	
Insertion loss max.	0.3 dB	
Misalignment corrections		
Transversal	±2 mm	
Axial	6 mm	
Angular (at minimum stroke of 1.5 mm)	±1.5°	
Contact force during connect step 1, approx.	80 N	
Matings	10,000 ¹⁾	
Inner conductor material / surface finish	DUT interface	Rear interface
	CuBe age-hardened / gold-plated copper alloy / gold-plated	copper alloy / silver-plated
Outer conductor material / surface finish	DUT interface	Rear interface
	CuBe age-hardened / gold-plated copper alloy / gold-plated	copper alloy / silver-plated
Other metal parts / surface finish	copper alloy / CuSnZn-plated, nickel-plated CuBe / nickel-plated stainless steel	
Insulation	LCP PTFE	
Weight, approx.	510 g	
Ambient temperature range	+5 °C to +40 °C (indoor)	

1) In order to ensure best possible measurement result, cleaning has to be assessed and executed by professional staff on a regular basis.