


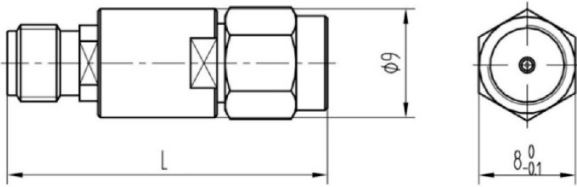
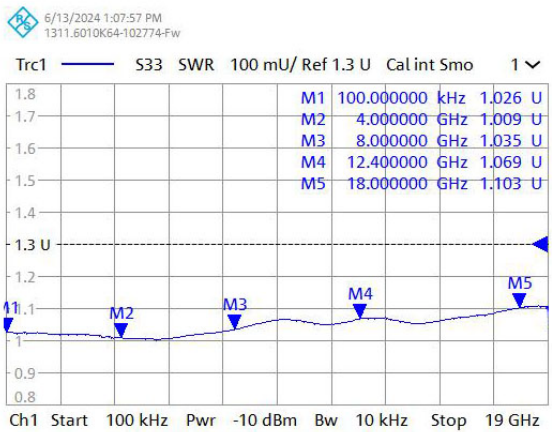


## DATA SHEET

 <p><b>KEY FEATURES</b></p> <ul style="list-style-type: none"> <li>• DC to 18 GHz Wideband Performances</li> <li>• Reliable VSWR for accurate RF measurements</li> <li>• Precise and stable attenuation</li> <li>• Rugged stainless-steel construction</li> </ul>  	ELECTRICAL SPECIFICATIONS:						
	Attenuation range (dB)						
	0	1 - 6	7 - 12	13 - 20	21 - 30	40	50, 60
	0/+0.5	±0.4	±0.5	±0.8	±1.0	±1.2	±1.5
	Frequency range		DC - 18 GHz				
	Impedance		50 Ω				
	VSWR		≤1.25				
	Input AVG power		2 W @ 25 °C ambient				
	Power derating		Linear to 0.2W at 100°C				
	Peak power		250W (5 μs pulse, 0.4% duty cycle)				
	Direction		Bidirectional				
	MECHANICAL SPECIFICATIONS						
	Body, Nut		Stainless steel / Passivated				
	Center contact		BeCu - Brass / Gold plated				
	Insulator		PTFE				
Interface		SMA male - female					
Standard		MIL-STD-348A					
Weight		6g					
ENVIRONMENTAL SPECIFICATIONS							
Operating temperature		-55 / +100 °C					
Storage temperature		-55 / +125 °C					
RoHS		Compliant (2011/65/EU   RoHS 3)					
REACH		Compliant (EC 1907/2006)					

DRAWING unit: mm	TYPICAL VSWR TEST
 <p> <b>L = 24 (±1) 0 - 12 dB</b>  <b>L = 26.6 (±1) 13 - 30 dB</b>  <b>L = 30 (±1) 40/50/60 dB</b> </p>	 <p>         Trc1 — S33 SWR 100 mU/ Ref 1.3 U Cal int Smo 1 ✓          M1 100.000000 kHz 1.026 U          M2 4.000000 GHz 1.009 U          M3 8.000000 GHz 1.035 U          M4 12.400000 GHz 1.069 U          M5 18.000000 GHz 1.103 U       </p>

**HOW TO ORDER: ATS-XX02-18** Where **XX** represents the **Attenuation** code ranging from **00** to **60**.  
 (Example: ATS-**06**02-18 → 6dB Attenuation Value)