

## **FEATURES & BENEFITS**

Unitary Tee design Open/Short/Load

Performance to 4 GHz (7/16) & 6 GHz (Type N)

Rugged design for use on-site or in factory

- +30 dBm max. load input (7/16)
- +25 dBm max. load input (Type N)

## **APPLICATIONS**

Telecommunication installations

Field testing with hand-held measurement equipment

Factory production testing



7/16 & Type N Calibration Kits

## 7/16 & Type N Calibration Kits

SV Microwave is now offering unitary tee piece calibration kits. These calibration kits are available in both genders for a 7/16 interface up to 4 GHz and an Type N interface up to 6 GHz.

These products feature rugged stainless steel bodies, high performance interfaces and proven thin film technology to accept input signal levels up to +30 dBm. Long term performance is ensured by making the interfaces replaceable. In the event of damage from use; repair and return can be achieved quickly.

These calibration kits are usable with a wide range of proprietary test equipment from well-known manufacturers. These one piece kits greatly simplify field and factory calibration at an affordable price.

	Specifications	7/16	Type N
General			
	Frequency Range Impedance Input Power Source Match Directivity Tracking	45 MHz - 4 GHz 50 Ω +30 dBm MAX ≥ 35 dB ≥ 40 dB N/A	45 MHz - 6 GHz 50 Ω +25 dBm MAX ≥ 35 dB ≥ 42 dB ≤ 1.5 degrees
	Open		
	Male Offset Length Female Offset Length Phase Tolerance Return Loss	19.800 mm 29.200 mm 3.00 degrees ≤ 0.10 dB	21.287 mm 21.287 mm 1.25 degrees ≤ 0.10 dB
	Load		
	DC Resistance Return Loss	50 Ω ± 0.5 Ω ≥ 40 dB 45 MHz - 2.5 GHz ≥ 38 dB 2.5 GHz - 4 GHz	50 Ω ± 0.5 Ω ≥ 42 dB
	Short		
	Male Offset Length Female Offset Length Phase Tolerance Return Loss	19.800 mm 29.200 mm 2.00 degrees Male: ≤ 0.05 dB Female: ≤ 0.20 dB	21.287 mm 21.287 mm 0.85 degrees Male: ≤ 0.10 dB Female: ≤ 0.10 dB

