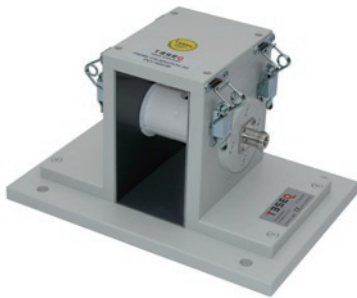




PCJ 9201B CALIBRATION JIG FOR CURRENT PROBES



The standards RTCA/DO-160 section 20 (Environmental Conditions and Test Procedures for Airborne Equipment Section 20: Radio Frequency Susceptibility (Radiated and Conducted)), MIL-STD-461 (REQUIREMENTS FOR THE CONTROL OF ELECTROMAGNETIC INTERFERENCE CHARACTERISTICS OF SUBSYSTEMS AND EQUIPMENT) and IEC/EN 61000-4-6 (Testing and measurement techniques –Immunity to conducted disturbances, induced by radio-frequency fields) define a method for test level setting in a calibration jig. The PCJ 9201B meets all the requirements and provides additionally a save way for measuring the insertion loss of current sensing probes and monitoring probes. The enhanced VSWR offers measurements in range up to 400 MHz.

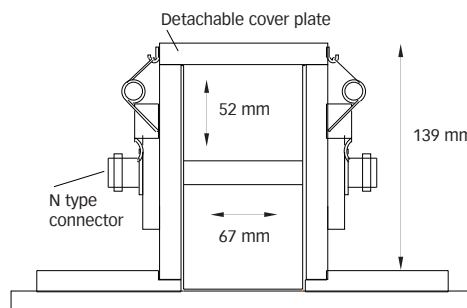


PCJ 9201B calibration jig

- Calibration jig for current probes
- Meets ISO 11452-4, RTCA/DO-160 section 20, MIL-STD-461 and IEC/EN 61000-4-6
- Ruggedly designed
- Enhanced VSWR up to 400 MHz

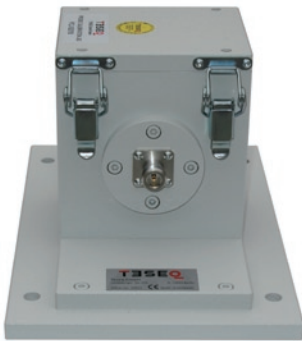
Technical specifications

Frequency range:	DC up to 400 MHz
Nominal impedance:	50 Ω
VSWR (without the current probe installed in the jig, typical values in the graph)	
10 kHz	≤1.10 : 1
1 MHz	≤1.10 : 1
10 MHz	≤1.14 : 1
30 MHz	≤1.22 : 1
100 MHz	≤1.50 : 1
200 MHz	≤2.00 : 1
300 MHz	≤2.75 : 1
400 MHz	≤3.50 : 1
Dimension (LxWxH):	260 mm x 181 mm x 150 mm
Probe diameter max.:	115 mm
Probe window diameter min.:	16 mm
Probe wide max.:	67 mm
Connector:	N-type female
Weight:	approx. 4.5 kg
Operating temperature:	+5°C to +45°C

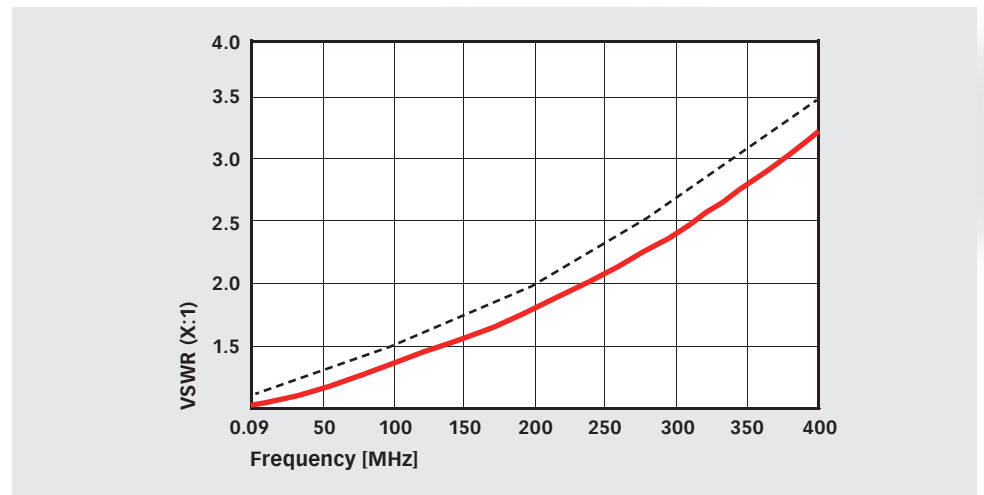


PCJ 9201B CALIBRATION JIG FOR CURRENT PROBES

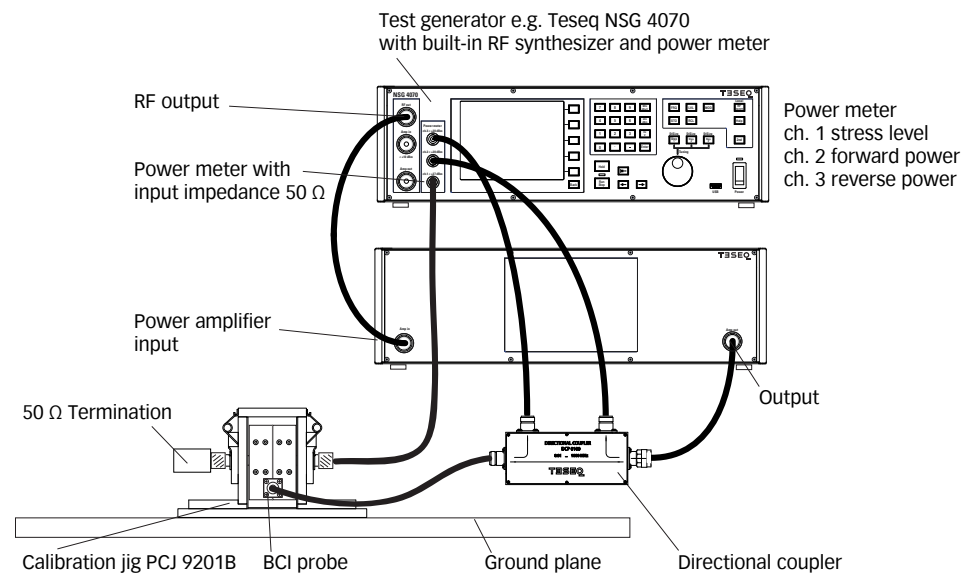
VSWR (without the current probe installed in the jig) - - - Maximum VSWR for RTCA/DO-160 section 20 and MIL-STD-461E, — typical value for PCJ 9201B



PCJ 9201B calibration jig, side view



Test level setting in a 50 Ω system (e.g. BCI automotive, MIL-STD-461 and RTCA/DO-160 section 20)



Advanced Test Solutions for EMC

PCJ 9201B CALIBRATION JIG FOR CURRENT PROBES

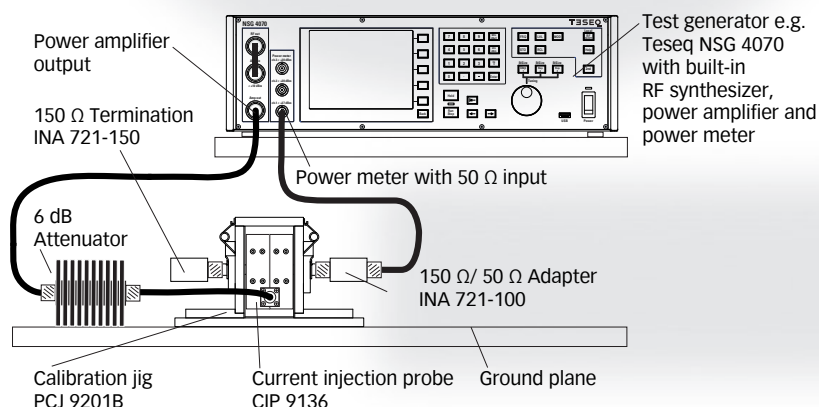
Test level setting in a 150 Ω system (e.g. IEC/EN 61000-4-6 current clamp injection)



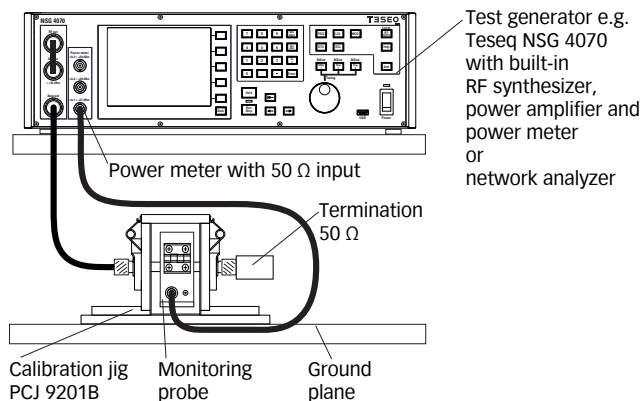
INA 721-100, 100 Ω passageway



INA 721-150, 150 Ω termination



Insertion loss measurement



Delivery information

Part number	Description
252052	PCJ 9201B Calibration jig for current probes, meets ISO 11452-4 ,RTCA/DO-160 section 20, MIL-STD-461 and IEC/EN 61000-4-6
403-403	INA 721-100 Adapter for IEC/EN 61000-4-6, 100 Ω passageway, 2x N connector
403-404	INA 721-150 150 Ω termination for IEC/EN 61000-4-6, N connector