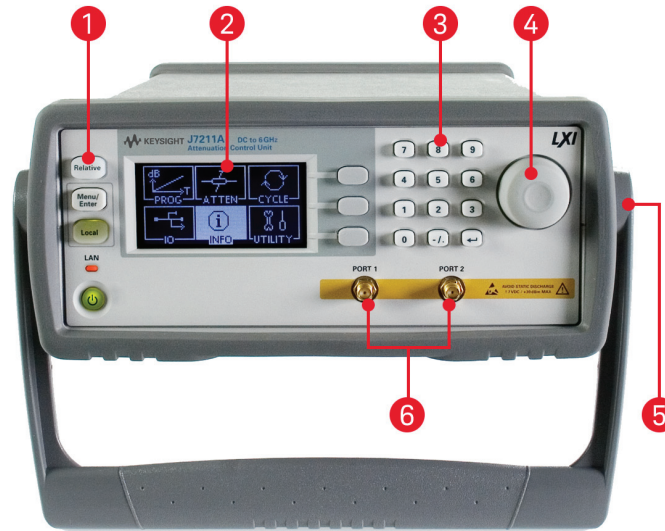


Keysight J7211A/B/C Attenuation Control Units

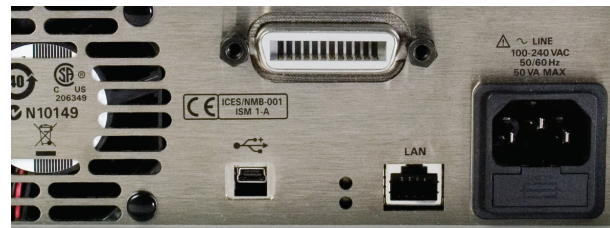
Every Step Counts...

1. Measurement relative to a specific attenuation value
2. 6 value-added features for application-specific purposes
3. Soft-keypad for easy attenuation value settings
4. Intensity rotary knob for easy navigation
5. Built-in half-rack (2U) with handle; high portability
6. RF connector options of SMA, Type-N and 3.5 mm (J7211C)



Complete connectivity-standard!

Powered by LXI class C compliance



Key features

- **0.03 dB RF repeatability per section for entire 5 million cycles**
Minimize system uncertainty and system setup cost
- **Excellent attenuation accuracy and flatness**
Maximize measurement accuracy
- **Keysight calibrated data correction value**
Allow accurate and precise measurement
- **Application specific attenuation sweep function**
Set your desired attenuation, step size, dwell time and number of cycles to suite your application requirement

Product specifications

Model	J7211A	J7211B	J7211C
Frequency range	DC to 6 GHz	DC to 18 GHz	DC to 26.5 GHz
Attenuation range	0 to 121 dB	0 to 121 dB	0 to 101 dB
Attenuation step size	1, 5 and 10 dB	1, 5 and 10 dB	1, 5 and 10 dB
Insertion loss (at 0 dB)	< 2.5 dB	< 5.00 dB	< 5.00 dB
Return loss (VSWR)	< 14 dB (1.50)	< 10 dB (1.90)	< 7 dB (2.61)
RF repeatability	0.03 dB	0.03 dB	0.05 dB
Maximum power input	1 W (+30 dBm)	1 W (+30 dBm)	1 W (+30 dBm)
Switching speed	20 ms	20 ms	20 ms
Operating life	5 million cycles	5 million cycles	5 million cycles

Ordering information

Model	Option	Description
J7211A	001	Type-N (f) connector
	002	SMA (f) connector
	UK6	Commercial calibration certificate with test data
J7211B	001	Type-N (f) connector
	002	SMA (f) connector
	UK6	Commercial calibration certificate with test data
J7211C ¹	UK6	Commercial calibration certificate with test data

1. 3.5 mm (f) connectors only.



Three-Year Warranty

www.keysight.com/find/ThreeYearWarranty

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.

Keysight Assurance Plans



www.keysight.com/find/AssurancePlans

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.



LXI is the LAN-based successor to GPIB, providing faster, more efficient connectivity. Keysight is a founding member of the LXI consortium.
www.lxistandard.org

For more detail information on “Keysight attenuation control unit”, please refer to product literature number 5989-8323EN.

To find a distributor in your area, go to: www.keysight.com/find/distributors

For more information on Keysight attenuators, please visit:

www.keysight.com/find/attenuators

Download or order from www.keysight.com/find/mta