

GN-6025 Series

Loss Test Sets



GN-6025 Series instruments are fast and easy-to-use handheld Loss Test Sets designed for attenuation and power throughput measurements on point-to-point fiber optic links. They feature a rugged design, built to withstand the difficult testing environment of fiber optic cable installation and maintenance. Calibrated at five wavelengths (850, 1300, 1310, 1550, and 1625 nm), these instruments are ideal for testing all single-mode and multimode fiber applications. The flexible and easy-to-use design is ideal for any testing application; offering a variety of wavelength and connector options.

Features and Benefits

- Accurate attenuation measurements in minimum time
- High power input capacity enables optical amplifier characterization and CATV measurements
- Combined light source and power meter permit loop-back and dual fiber testing
- Multi-wavelength calibrations provide for L-band characterization
- Automatic wavelength switching minimizes test time and reduces errors
- Storage of up to 900 dual wavelength measurement results
- Rugged and lightweight design

Loss Test Sets

	GN-6025/M50	GN-6025/A50	GN-6025C/A50	GN-6025/A60	GN-6025C/A60
Calibrated Wavelengths	850, 1300, 1310, 1550, 1625 nm	850, 1300, 1310, 1550, 1625 nm	850, 1300, 1310, 1550, 1625 nm	850, 1300, 1310, 1550, 1625 nm	50, 1300, 1310, 1550, 1625 nm
Range	+3 to -66 dBm	+3 to -66 dBm	+20 to -56 dBm	+3 to -66 dBm	+20 to -56 dBm
Accuracy ^{1,2}	±0.2 dBm	±0.2 dBm	±0.2 dBm	±0.2 dBm	±0.2 dBm
Linearity ¹	±0.1 dB @ 0 to -65 dBm	±0.1 dB @ 0 to -65 dBm	±0.1 dB @ 0 to -50 dBm	±0.1 dB @ 0 to -65 dBm	±0.1 dB @ 0 to -50 dBm
Resolution	0.01 dB/0.1 dB selectable	0.01 dB/0.1 dB selectable	0.01 dB/0.1 dB selectable	0.01 dB/0.1 dB selectable	0.01 dB/0.1 dB selectable
Center Wavelength	850/1300 nm ±20 nm	1310/1550 nm ±30 nm	1310/1550 nm ±30 nm	1550/1625 nm ±30 nm	1550/1625 nm ±30 nm
Stability (8 hours) ²	±0.05 dB	±0.05 dB	±0.05 dB	±0.05 dB	±0.05 dB

¹ Typical specs at 23° C

² Typical 1310 nm specs at 23° C with -20 dBm power input

Power Meters

	GN-6025	GN-6025C
Fiber Type	MM/SM	MM/SM
Calibrated Wavelengths	850, 1300, 1310, 1550, 1625 nm	850, 1300, 1310, 1550, 1625 nm
Range	+3 to -66 dBm	+20 to -56 dBm
Accuracy ^{1,2}	±0.2 dBm	±0.2 dBm
Linearity ¹	±0.1 dB @ 0 to -65 dBm	±0.1 dB @ 0 to -50 dBm
Resolution	0.01 dB/0.1 dB Selectable	0.01 dB/0.1 dB Selectable

¹ Typical specs at 23° C

² Typical 1310 nm specs at 23° C with -20 dBm power input

Care for your network with NetTest

With products like the GN-6025 Series, NetTest continues to provide the industry with advanced, affordable solutions for all fiber optic testing needs. With our superior customer service and technical support, there's no better company to rely on for outstanding network care. For more information on the GN-6025 Series or any of NetTest's fiber optic testing solutions, contact a NetTest representative today at 1-315-266-5000 or 1-800-443-6154.



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