

Cutting Edge Optronics, Inc.

20 Point West Blvd.

St. Charles, MO 63301

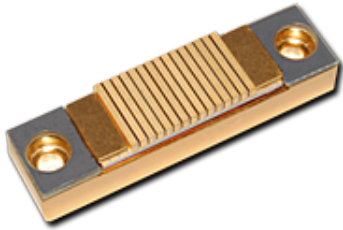
Phone: 636-916-4900 • Fax:636-916-4994

Email: st-ceolaser-info@ngc.com • Website:www.as.northropgrumman.com/ceolaser

Item # ARR181P1100, X Stretch G Package - High Power Laser Diodes

QUOTE

X Stretch G Package - High Power Laser Diodes



CEO offers a stretched version of the industry-standard G Package that serves as a platform for up to 26 QCW bars. This configuration can produce up to 7.8 kW of peak output power. CEO offers these arrays with many values of bar-to-bar pitch (400 μ m, 800 μ m, 1.2 mm, 1.7 mm).

The X Stretch G Package mounts easily into laser systems or direct-diode applications. It is available in any of CEO's standard wavelengths (790-820 nm, 872-890 nm, 930-950 nm), and custom wavelengths are also available. Many configurations are available with fast-axis collimation, with divergence values less than 0.2 \times 176 (FWHM).

Golden Bullet (hard solder) option is shown.

SPECIFICATIONS

Wavelength	808 nm, 880 nm, 885 nm, 940 nm
Total Power	1,100 W
Diode Bars	11
Power Per Bar	100 W
Diode Construction	Golden Bullet (hard solder) Silver Bullet (indium solder)
Operation	QCW