

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Newport 744* at our website: *Click HERE*

740 Series

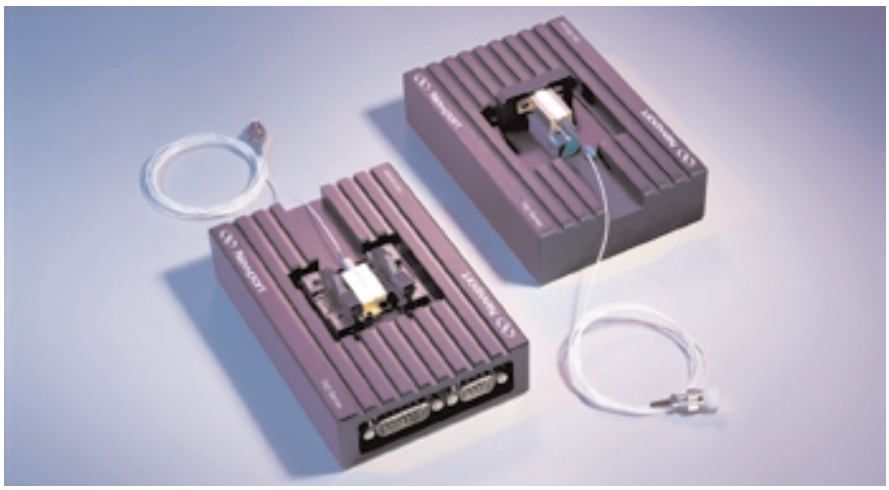
Telecom Laser Diode Mounts

Key Features

- *Most economical high-performance mounts available for use with DIL and butterfly packages*
- *Extremely easy to use*
- *Simple configuration for your particular laser diode/photodiode/TE cooler/thermistor pin-out*

Additional Benefits

- *Highly stable temperature control*
- *Very efficient heat transfer increases laser diode lifetime*
- *Compact, lightweight package for OEM applications*
- *Model 744-TEC lets you select between two temperature sensor types*



Laser diodes not included

The **740 Series Telecom Laser Diode Mounts** provide highly stable temperature control for all telecommunications laser diodes.

They offer an easy-to-use platform; for use in telecommunications, biomedical, and spectroscopy applications; and are simple to configure for all laser diode/photodiode/thermoelectric cooler/thermistor arrangements. This substantially reduces setup time.

All DIL and butterfly laser packages can be mounted on the 740 Series. For higher power butterfly packages without integral TE coolers, the Model 744-TEC offers a TE cooler and both thermistor and AD592CN sensors.

Specifications

Laser Diode Packages	
Styles Supported	DIL (Model 742) Butterfly (Model 744)
Laser Housing	
Mounting Plates	DIL ZIF socket (Model 742) Butterfly flatpack socket (Model 744)
(Model 744-TEC only)	One 16.6 W, 15 mm by 30 mm, 7.6 V at 3.9 A maximum
Connectors	15-pin male D-sub, laser temperature control; 9-pin male D-sub, laser diode current control
Laser Temperature Control	
Temperature Range	0°C to +80°C
Sensor Type (Model 744-TEC only)	10 kΩ thermistor and AD592CN
General	
Size (H x W x D) [in. (mm)]	1.25 (32) x 3.75 (95) x 5.5 (140)
Weight [lb (kg)]	1 (0.45)

Ordering Information

Model	Description
742	DIL Telecom Laser Diode Mount
744	Butterfly Telecom Laser Diode Mount
744-TEC	Butterfly Telecom Laser Diode Mount with TE cooler, thermistor, and AD592CN temperature sensor

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP