OZ OPTICS LTD.

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HIGH POWER LASER TO FIBER COUPLERS WITH TEMPERATURE CONTROL

FEATURES:

OL OPTICS

CANADP

- Very High Power Handling
- High Resolution
- Wide Range of Lenses
- Rugged, Stable Design .
- Built-In Peltier Cooler and Fan .
- Temperature Sensor and Safety Interlock .

APPLICATIONS:

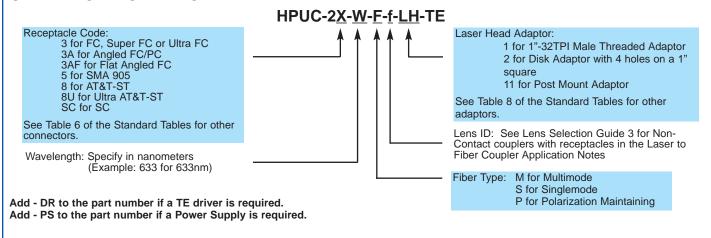
- Laser Welding and Cutting And Marking Medical, Chemical, and Pharmaceutical Sensors
- **High Power Laser Physics**
- High Power Spectroscopy
- OEM Laser Systems

SPECIFICATIONS:

•	Coupling Efficiency:	Typically >55% for singlemode and polarization maintaining fibers, >80% for multimode fibers
•	Backreflection:	-14dB for receptacle style couplers using flat finish connectors -60dB for receptacle style couplers using angle finish connectors -40dB or -60dB for pigtailed source couplers
•	Polarization Extinction Ratio:	>20dB 25dB, 30dB versions are also available
•	Available Wavelengths:	180 - 2000nm
•	Power Handling:	Up to 5 Watts CW for singlemode

Over 100 Watts CW for multimode applications. Contact OZ for Pulsed Laser power handling specifications

ORDERING INFORMATION:



09/99 OZ Optics reserves the right to change any specifications without prior notice.