

Pump Protector

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Product Overview

KernsTech Pump Protector for Erbium-doped Optical Fiber Amplifier; Pump Laser; Q-Switched Lasers. Technical values are manually checked against the master catalog and English translation reference.

Features	Applications
Low Insertion Loss; High Return Loss; High stability and reliability	Erbium-doped Optical Fiber Amplifier; Pump Laser; Q-Switched Lasers

Technical Specifications

Parameter	Specification	Unit
Channel Wavelength Range	960~990 or Specified	nm
Max.Insertion Loss by Wavelength Band	0.7	dB
Cut-off Wavelength Range	1020~ 1100 or 1500~ 1600 or Specified	nm
Min. Isolation @23°C(@Cut-off Bandwidth Wavelength Range)	25	dB
Min. Extinction Ratio@23°C(PM Fiber Type)	20	dB
Max. Polarization Dependent Loss23°C(Single Mode Fiber Type)	0.15	dB
Min. Return Loss - Single Mode Optical Fiber& PM Optical Fiber	50	dB
Multi Mode Optical Fiber	30	dB
Max. Power Handling(CW)	0.5, 1.5, 10,20 or Specified	W
Max. Pulse Power	10 or Specified	kW
Max. Wavelength Thermal Stability	0.003	nm/°C
Max.Insertion Loss Thermal Stability	0.005	dB/°C
Operating temperature	0~+70	°C
Storage temperature	-40~+85	°C
Package Options	dia. 5.5 x 35 / 70 x 12 x 8	mm

For wavelength, fiber, connector, package and quotation configuration, use the Component Finder at www.kernsoptic.com/contacts. Final special configurations are subject to engineering review.

For device with connector, the power handling is only 1W,IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis. / / Package Dimensions

Package Dimensions

最大插损热稳定性	dB/°C	0.005
工作温度	°C	0~+70
储存温度	°C	-40~+85

使用连接器时，处理功率仅为1W,插损高0.3dB, 回损低5dB, 消光比低2dB. 连接器键与慢轴对齐。

封装尺寸

