

635/1310 650/1550 785/1550 Short Wavelength Fused WDM SWDM

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Product Overview

KernsTech 635/1310 650/1550 785/1550 Short Wavelength Fused WDM SWDM for Fiber Optical EDFA; Fiber Optical Laser. Technical values are manually checked against the master catalog and English translation reference.

Features	Applications
Low Insertion Loss; High stability and reliability;	Fiber Optical EDFA; Fiber Optical Laser
Specifications High Isolation	

Technical Specifications

Parameter	Specification	Unit
Wavelength Pairs	635/1310; 650/1550; catalog table shows 780/1550	nm
Operating Bandwidth	Short wavelength side / 1310 or 1550 ±10	nm
Insertion Loss	≤1.5 at 635/650/780; ≤0.4 at 1310/1550	dB
Isolation	≥10 at 635/650/780; ≥18 at 1310/1550	dB
Polarization Dependent Loss	≤0.10	dB
Directionality	≥55	dB
Operating Temperature	-40 to +85	°C
Fiber Type	SMF-28e	-
Configuration	1x2 or 2x2	-
Package Dimensions	dia. 3.0x60	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.

The above specifications are for connector-free. Catalog consistency note: the page title / ordering code references 785/1550, while the performance table lists 780/1550. Confirm the required short wavelength with KernsTech Engineering.

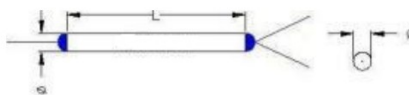
Package Dimensions

尾纤类型	/	250um bare fiber	900um loose tube
封装尺寸	mm	Φ3.0 ×60	Φ3.0 ×60

以上规格为无连接器。

封装尺寸

订购信息



Package / routing drawing extracted from KernsTech master catalog page 113. Final package is confirmed during Engineering Review.