GLOBALfiber compact 18-channel CWDM Mux/Demux

250 um LC/UPC

PRODUCT OVERVIEW

GLOBALfiber GF-CCWDM18-2761-250L is a compact CWDM multiplexer/demultiplexer for integration into fiber-optic splice trays and enclosures. This version provides 18 CWDM channels.

KEY FEATURES

ITU-T G.694.2 CWDM compliance; 20 nm channel spacing; compact package; 1.5 m fiber leads; 250 um lc/upc.

APPLICATIONS

CWDM multiplexing and demultiplexing in fiber-optic splice trays and compact enclosures.

KEY SPECIFICATIONS

Channel configuration	18 CWDM channels
Channel spacing	20 nm
Fiber lead length	1.5 m
Fiber size	250 um
Termination	LC/UPC
Package L x W x H	44 × 28 × 6 mm
Additional dimensional statement	6.2 ±0.2 mm; dimension not identified

RECOMMENDED OPERATING CONDITIONS

Parameter	Specification
Operating temperature	-30 °C to +70 °C
Storage temperature	-40 °C to +80 °C



Functional illustration - not a port-identification drawing

OPTICAL CHARACTERISTICS

Parameter	Specification
CWDM channel wavelengths	1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610 nm
Insertion loss, channels	3.0 dB
Polarization dependent loss	0.2 dB
Polarization mode dispersion	0.1 ps
Directivity	50 dB
Return loss	45 dB
Maximum power handling	500 mW

DIAGNOSTICS AND MANAGEMENT

Electronic diagnostics and management are not specified for this optical module.

SAFETY AND REGULATORY

CWDM compliance: ITU-T G.694.2. Additional safety or regulatory certifications are not stated.

ORDERING INFORMATION

Parameter	Specification
GLOBALfiber product number	GF-CCWDM18-2761-250L
Configuration	18-channel; 250 um; LC/UPC
Fiber lead length	1.5 m

Subject to change without notice. For more information visit globalfiber.no.