

cdwm module, lgx chassis type

Product information

DKT manufactures a wide range of products including fiber optic patch cords, rack and wall mount patch panels, optical splitters, multiplexer and adapter modules along with various fiber optical accessories. Our products support a wide range of panel configurations, densities, connectors, and adapter options to be sure to meet your exact specifications.

With many products maintained in stock, DKT is able to provide the custom single-mode cable assemblies to meet your system's needs.

Additionally, DKT provides a complete line of LGX and rack mount couplers / splitters, and universal wave division multiplexers (WDM, CWDM, and DWDM).

Our optical splitters utilize both PLC and FBT technology (selection is made when appropriate) providing the efficiency needed for today's telecommunication networks. Our passive line of fiber couplers are also provided at the component level for splicing or sub-assembly applications. The operation wavelength of PLC is 1260~1650nm, but the operation wavelength of FBT is 1310 & 1490 & 1550nm.

DKT's wall mount, rack mount and high-density fiber optic patch panels are designed to provide superior cable management, such as easy fiber access, reduced installation time and guaranteed bend radius protection. These patch panels are available fully equipped, capable of splicing and/or terminating a number of fibers or as simply the empty cabinet.



CWDM Module, LGX fiber optical splitter modules

Type	69660	69663
Description	1x CWDM module	2x CWDM module
Operating wavelength (nm)	1260 - 1620	1260-1620
Channel Count (Ch)	2	2 x 2
Channel Center Wavelength (nm)	1310, 1550	1310, 1550
Channel Pass-band	Transmission Min (nm)	1310±7
	Reflection Min (nm)	1260 - 1298 & 1324 - 1620
Insertion Loss	Transmission Max (dB)	0.90
	Reflection Max (dB)	0.70
Isolation	Transmission Min (dB)	30
	Reflection Min (dB)	15
Polarization Dependent Loss Max (dB)	0.10	0.10
Passband Ripple Max (dB)	0.30	0.30
Directivity Min (dB)	50	50
Return Loss Min (dB)	45	45
Polarization Mode Dispersion Max (ps)	0.10	0.10
Power Handling Mac (mW)	300	300
Connector Type	SC/APC	SC/APC
Pigtail Type	0.9mm loose tube	0.9mm loose tube
Fiber Type	G657A1	G657A1
Operating Temperature °C	-10 - 70	-10 - 70
Storage Temperature °C	-40 - 85	-40 - 85
Package Dimension (mm)	LGX (1 Wide)	LGX (1 Wide)