Product Data Sheet

BT-CWDM-MUX-16-LGX 16 Channels in LGX Box Stand-Alone

Description

Offering a range of passive optical products needed for the most popular applications. Splitting fiber optic feeds, multiplexing and de-multiplexing CWDM or DWDM feeds and providing optical changeover to manage redundancy are key applications for most fiber transport systems.

A free collection of applications notes outlines some of these applications and how these passive components can be used to enhance operations, save fiber optic space and provide a more robust and efficient signal transport operation.

The LGX series can be used as standalone modules or can be housed into our 1RU frame, BT- HOUS-LGX1RU.

Product	SKU
BT-CWDM-MUX-16-LGX 16 CHANNELS IN LGX BOX STAND-ALONE	RE-05-1009

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Technical Specification

CWDM Channels		Wavelength
18 CH.	1	1270
	2	1290
	3	1310
	4	1330
	5	1350
	6	1370
	7	1390
	8	1410
	9	1430
	10	1450
	11	1470
	12	1490
	13	1510
	14	1530
	15	1550
	16	1570
	17	1590
	18	1610

BT-CWDM-MUX-08 Specification	
Optical ports:	Adjacent Channel Isolation: >30dB
LC/PC connectors	Non-Adjacent Channel Isolation: >45dB
Center Wavelengths according to ITU-T G.694.2	Polarisation dependant loss: <0,1dB
Channel center wavelengths: 1270 – 1610nm	Directivity: >45dB
Channel clear passband: +/- 7nm	Return loss: >45dB
Insertion Loss 8-ch: -2,5dB; 16-/18-ch: -3,5dB (max.)	Polarisation Mode Dispersion: <0,2ps
Passband ripple: <0,5 dB	

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