

ECT-CWDM

COARSE WAVE DIVISION OPTICAL MULTIPLEXER / DEMULTIPLEXER



FEATURES

- ❑ Wide selection of center wavelength
- ❑ Single or dual channel setup
- ❑ ITU G.694.2 compliance
- ❑ Modular or rack card style

The ECT-CWDM device provides a high performance multiplexing or demultiplexing of multiple optical carrier signals on single optical fiber by using different wavelength of laser light. The ECT-CWDM allows to expand the capacity of the network without laying more fiber.

ORDERING INFORMATION

CWDM-FxN-Y-Z - Optical multiplexer/demultiplexer

- F** = 1 for single CWDM setup
= 2** for dual CWDM setup
- N** = 2 - 8 for number of channels
- Y** = **M** for standalone module
= **C** for rack card*
- Z** = **FC, ST or SC** for optical connectors

* compatible with USR series chassis

** for standalone module only

Fiber Type	Single mode
Channel Number	2 – 8 (selectable)
Center Wavelength*	1470nm, 1490nm, 1510nm, 1530nm, 1550nm, 1570nm, 1590nm, 1610nm
Channel Spacing	20nm
Insertion Loss for 4 ch.	< 1.7 dB
Insertion Loss for 8 ch.	< 2.8 dB
Adjacent Channel Isolation	> 30 dB
Non- adjacent Channel Isolation	> 40 dB
Directivity	> 50 dB
Optical Connectors	FC, ST, SC
Operating Temperature	-10°C to +70°C (14°F to + 158°F)
Dimensions	8.00"(203mm) x 5.00"(127mm) x 1.35"(34mm)

* selectable with order;

