

7705WDM, 7705WDM13/15, 7005DS, 7705MS

1310/1550nm WDM & Optical Splitters

►Features & Benefits

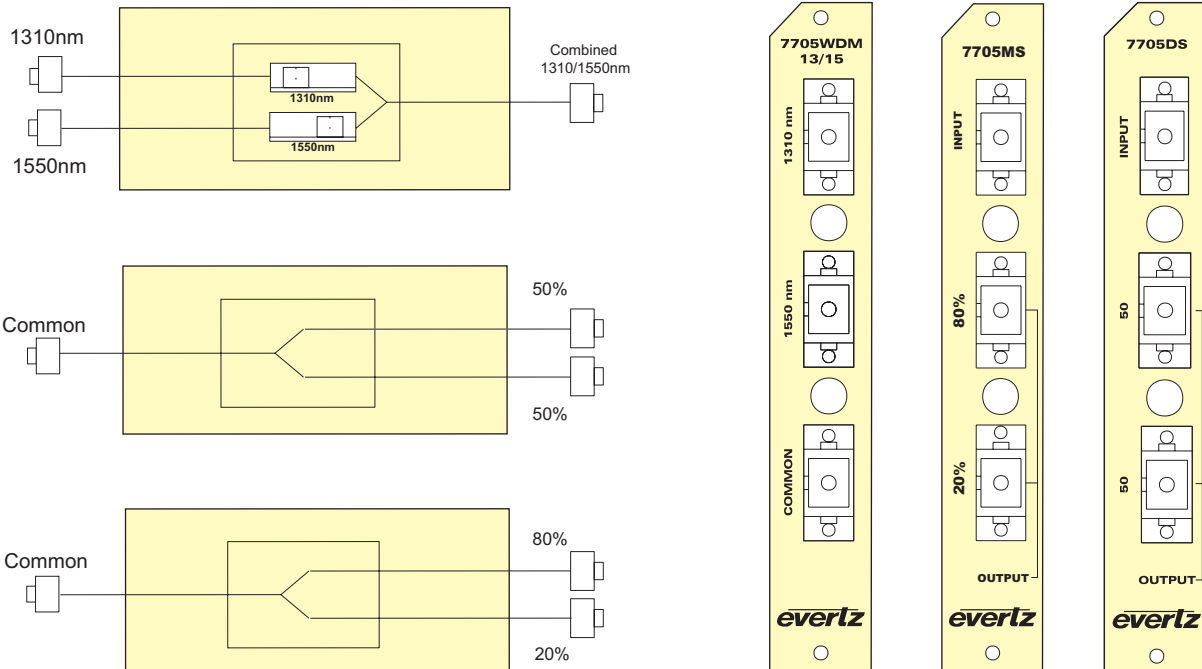
- Bi-directional operation handles 1310nm and 1550nm bands
- Passive design for any bit rate
- Fully hot-swappable from front of frame with no fiber disconnect/reconnect required
- Low insertion loss to conserve system power
- Supports single mode fiber
- Available in SC, ST & FC connector options

*7705WDM, 7705DS and 7705MS to be used ONLY in Single Mode applications

Functions

- 7705WDM - Combines/separates 1310nm and 1470nm-1610nm wavelengths on/from a single fiber
- 7705WDM13/15 - Combines/separates 1310nm and 1550nm wavelengths on/from a single fiber
- 7705DS - Splits one signal into two signals of 50% power or combines two signals into one output signal.
- 7705MS - Splits input signal into two signals of 80%/20% power - used for fiber confidence monitoring

►7705WDM, 7705WDM 13/15, 7705MS, 7705DS



►Specifications

Optical Input/Output:		Isolation:
Connector:	SC/PC, ST/PC, FC/PC female housing	7705WDM: > 50dB between 1310nm/1550nm ports with 1470nm-1610nm on 1550nm port
Wavelength:	1310nm and 1550nm bands	7705WDM13/15: > 25dB between 1310nm/1550nm ports at center wavelength ± 20 nm
Fiber Size:	9 μ m core/125 μ m overall	
Insertion Loss:		
7705WDM:	1310nm port, 2dB Maximum Loss 1550nm port, 3dB Maximum Loss (1470nm-1610nm)	
7705WDM13/15:	1310nm port, 2dB Maximum Loss 1550nm port, 2dB Maximum Loss	
7705DS:	50% port, 4dB Maximum Loss	
7705MS:	80% port, 2dB Maximum Loss 20% port, 9dB Maximum Loss	
		Physical (number of slots):
		350FR: 1
		7700FR-C: 1
		7800FR: 1

►Ordering Information

7705WDM	Wideband wavelength Division Multiplexor
7705WDM13/15	Standard Wavelength Division Multiplexor
7705DS	Fiber Distribution Splitter
7705MS	Fiber Monitoring Splitter

Connector Suffix	
+SC	SC/PC
+ST	ST/PC*
+FC	FC/PC*

Ordering Options Rear Plate and Fiber Connector must be specified at time of order
Eg: Model +SC +3RU

*Note: ST/PC & FC/PC connector option is available on 'COMMON' port only (SC/PC on remaining fiber I/O ports)

Rear Plate Suffix	
+3RU	3RU Rear Plate for use with 350FR, 7700FR-C or 7800FR Multiframe
+1RU	1RU Rear Plate for use with 7701FR Multiframe
+SA	Standalone Enclosure Rear Plate

Fiber Optic Patch Cable
See CWDM & DWDM Ordering Information Page

Enclosures	
350FR	3RU Portable Multiframe which holds up to 7 single slot modules
7700FR-C	3RU Multiframe which holds up to 15 single slot modules
7800FR	3RU Multiframe which holds up to 15 single slot modules
7801FR	1RU Multiframe which holds up to 4 single or 2 dual slot modules
7701FR	1RU Multiframe which holds up to 3 single or dual slot modules
S7701FR	Standalone Enclosure