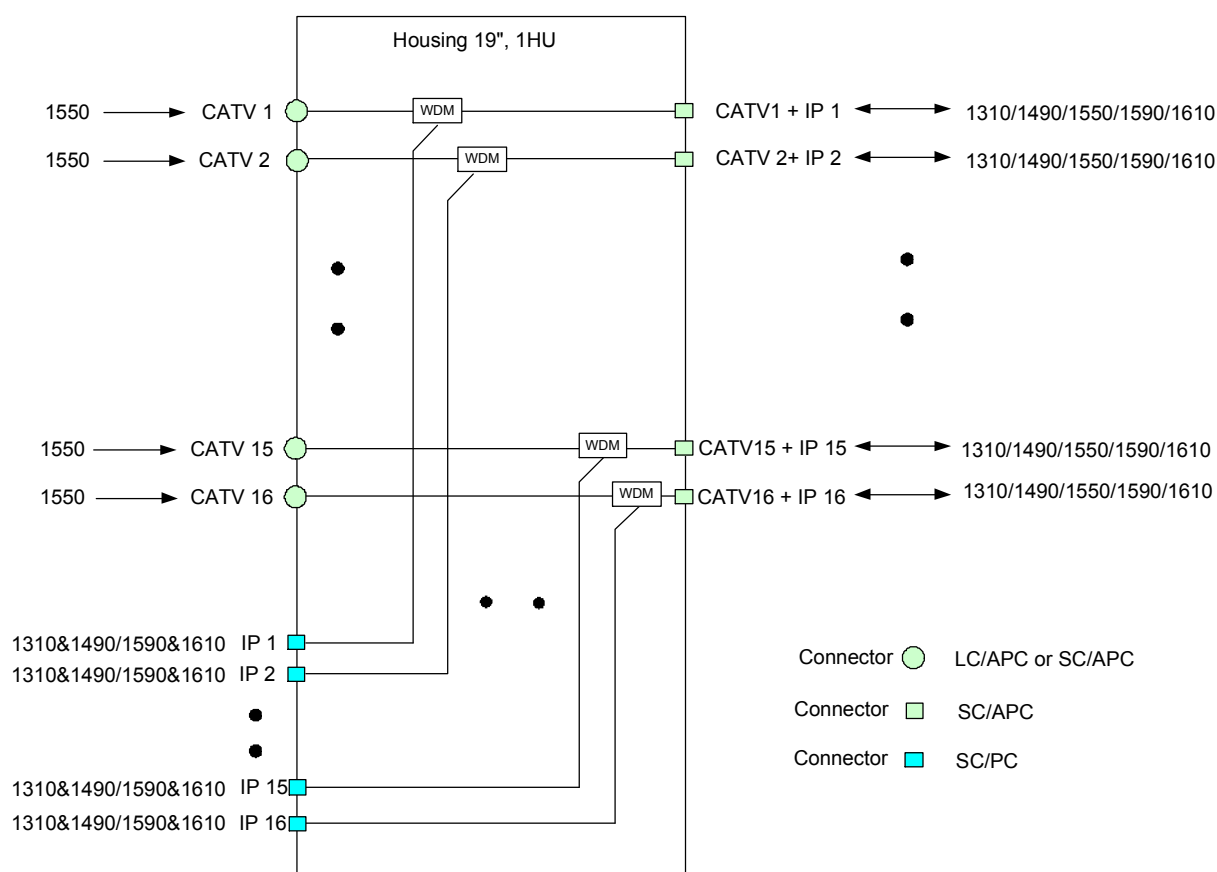


FWM016-OLT-H

16 x 1310&1490/1550nm WDM



Application

- ▶ Wavelength Multiplexing of RF video (CATV) and IP signals (1310nm & 1490nm & 1590nm & 1610nm) in FTTH PON Networks

Features

- ▶ 16x 1310&1490+1590&1610 / 1550nm WDM couplers for multiplexing of bidirectional IP traffic
- ▶ 1 HU 19" housing

Technical Data WDM

Parameter	Unit	Min	Max
Operating Wavelength Pass Band (CATV)	[nm]	1539	1565
Operating Wavelength Reflect Band (PON Data In/Out)	[nm]	1270 1480 1580	1350 1505 1620
Insertion Loss Reflect	[dB]		0.6
Insertion Loss Pass	[dB]		1.0
Return Loss	[dB]	45	
Isolation Pass	[dB]	35	
Isolation Reflect	[dB]	15	
Directivity	[dB]	55	
Connector	CATV in	LC/APC or SC/APC	
	IP in/out	SC/PC	
	Com out (CATV& IP)	SC/APC	

Absolute Maximum Ratings

Parameter	Unit	Min	Max	Symbol
Operating Temperature Range	[°C]	-5	+65	T _{OP}
Storage Temperature Range	[°C]	-40	+85	T _{stg}
Optical Input Power	[mW]		100	PIN