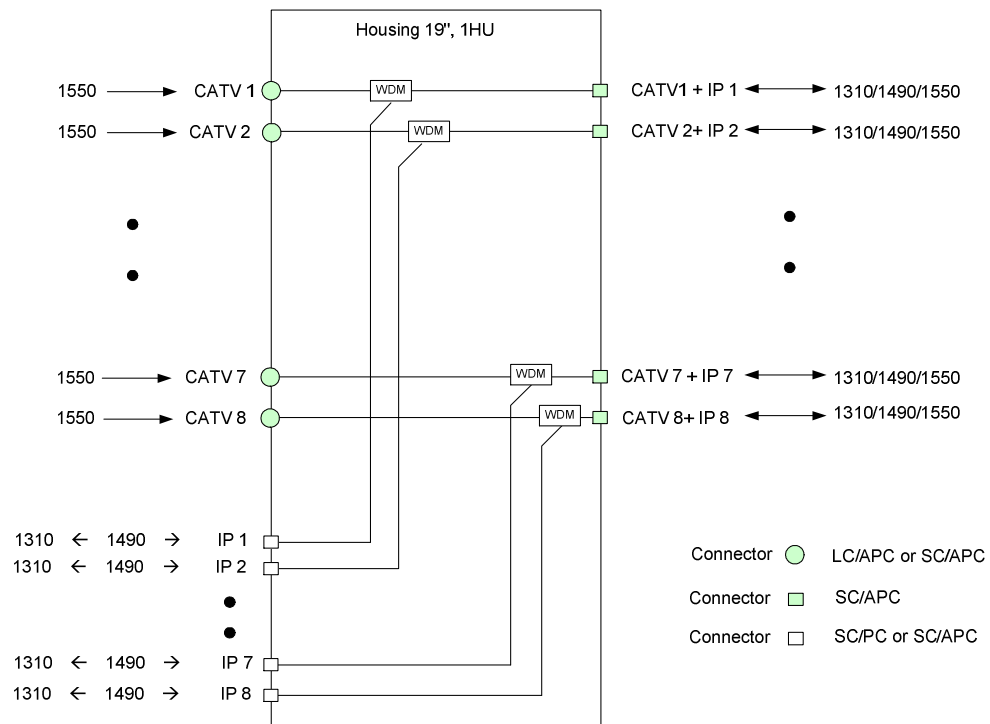


FWM008-OLT-H

8 x 1310&1490/1550nm WDM

FTTx



FWM008-OLT

BaalFTTx - Series



Application

- ▶ Wavelength Multiplexing of RF video (CATV) and IP signals in FTTH PON Networks

Features

- ▶ 8 x 1310&1490/1550nm 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	SC/APC or LC/APC	
	IP in/out	SC/APC or SC/PC	
	Com out (CATV& IP)	SC/APC	

Absolute Maximum Ratings

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