



## Optical Splitter Shelf

The LightLink™ LanSystem™ Optical Splitter Shelf provides a convenient in-rack solution to combine/split optical signals in a passive optical network. The shelf is comprised of a Planar Lightwave Circuit allowing a signal to be split into 32 channels in a 1U rack-mountable housing. The 2x32 option provides a filter WDM concatenated to a Planar Lightwave Circuit, which allows 1310/1490/1550nm signal management evenly across 32 channels.

### Features

- Telcordia GR-63 NEBS tested housing
- Aluminum Material per ASTMB209
- Universal Mounting Bracket WECCO, EIA
- 19" and 23" Rack Mountable
- Rugged construction, ensuring environmental, mechanical, and optical integrity
- WDM and PLC fully compliant to Telcordia GR-1209 and GR-1221
- Low Excess loss
- Low Polarization Dependent Loss

### Applications

- PON-FTTX Networks
- CATV links
- DWDM & CWDM systems
- Wide area networks
- Outside plant requirements

### Specifications

PARAMETER	1x32	2x32	
Insertion Loss	17.5 - 18.5dB	17.5 - 19dB	
Uniformity	1.8dB Typical	1.8dB Typical	
PDL	<0.45dB	<0.45dB	
Return Loss	<55dB	<40dB	
Directivity	<55dB	<50dB	
Fiber Type	SMF-28e 250µm	SMF-28e 250µm	
Operating Temp	-40°C to +85°C	-40°C to +70°C	
Storage Temp	-40°C to +85°C	-40°C to +85°C	
Operating Bandwidth	NA	1550nm Band - Port 1 (Pass)	1550 - 1560nm
		1310+1490nm - Port 2 (Reflect)	1260-1360nm & 1480-1500nm

### Ordering Information

PART NUMBER	DESCRIPTION
FM000775	1x32 Optical Splitter Shelf, ASC inputs/outputs, 1U, textured White
FM000662	2x32 Optical Splitter Shelf, ASC inputs/outputs, 1U, textured White