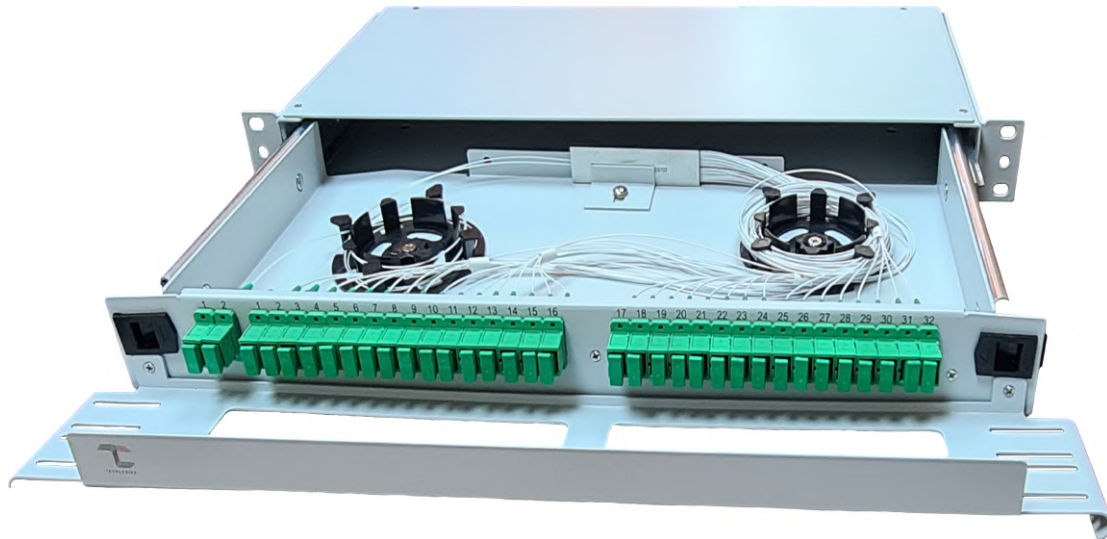


FIBER OPTIC SPLITTERS

Techlogiks Fiber Optic Splitters are available in two different configuration 1xn and 2xn. Fiber Optic Splitter Unit includes Fiber distribution Frame with Adaptor Plate and Splitter module. This shall be installed on the international standard (ETSI 19”) equipment rack or cabinet rack.



Splitter Module

Splitter modules are available in different configurations: 1 X 4, 1 X 8, 1 X 16, 1 X 32, 2 X 4, 2 X 8, 2 X 16, 2 X 32

Specifications

| | |
|------------------|--|
| Size (L*W*H) | 482 X 275 X 44 |
| Input / Output | 1/4, 1/8, 1/16, 1/32 2/4, 2/8, 2/16, 2/32 |
| Adapter Type | SC, SC/APC LC, LC/APC |
| Fiber Type | G 652D, G 657A1/A2 |
| Adapter Capacity | 4 Port, 8 Port, 16 Port, 32 Port |
| Material | SPCC |
| Mounting Rack | 19” Cabinet Rack |

Operating Conditions

| | |
|-----------------------|----------------|
| Operating Temperature | - 40 ~ + 85 °C |
| Storage Temperature | - 40 ~ + 85 °C |
| Wavelength Range | 1260 ~ 1630 nm |
| Maximum Input Power | 500 mW |

Inspection

| Parameter | Condition | Unit | Specifications | | | | | | | |
|-------------------|-------------------------|------|--------------------------------|--------|--------|--------|-------|--------|--------|--------|
| | | | 1 X 4 | 1 X 8 | 1 X 16 | 1 x 32 | 2 X 4 | 2 X 8 | 2 X 16 | 2 X 32 |
| Insertion loss | All ports | dB | ≤ 7.2 | ≤ 10.7 | ≤ 13.9 | ≤ 17.2 | ≤ 7.6 | ≤ 10.8 | ≤ 14.0 | ≤ 17.5 |
| Uniformity of I.L | @1310,1550 nm | dB | ≤ 0.8 | ≤ 1.0 | ≤ 1.4 | ≤ 1.6 | ≤ 1.0 | ≤ 1.0 | ≤ 1.5 | ≤ 1.8 |
| PDL | All ports @1310,1550 nm | dB | ≤ 0.3 | ≤ 0.3 | ≤ 0.3 | ≤ 0.3 | ≤ 0.3 | ≤ 0.3 | ≤ 0.3 | ≤ 0.3 |
| Return loss | All ports @1310,1550 nm | dB | ≤ 55 | | | | | | | |
| Appearance | | | i.e. by indication of `passed` | | | | | | | |

ORDERING INFORMATION

| PART NUMBER | DESCRIPTION |
|-----------------------|--|
| TL-FSP-09-2/8-SC/APC | Fiber Optic Splitter Single Mode 2 x 8 with SC/APC Adaptors |
| TL-FSP-09-2/32-SC/APC | Fiber Optic Splitter Single Mode 2 x 32 with SC/APC Adaptors |
| TL-FSP-09-2/8-LC/APC | Fiber Optic Splitter Single Mode 2 x 8 with LC/APC Adaptors |
| TL-FSP-09-2/32-LC/APC | Fiber Optic Splitter Single Mode 2 x 32 with LC/APC Adaptors |