

# Westell® | Universal Splitter Series

Configurable 1x32 and 1x64 Fiber Splitter



## General Information

Westell Universal Splitter brings added flexibility to your fiber deployment needs. The Universal Splitter can be configured in 3 different configurations to allow easy installation into existing Fiber deployments.

Design for use in existing Commscope® FDH 3000 (Configuration A), Charles Industries® (OHC) Optical Hub Cabinets (Configuration B), and Corning® OptiTect® Local Convergence Cabinet, LS Series (Configuration C).

## Product Highlights

- Module capable of configuration in 3 different mechanical variations
- Flexible design
- Low insertion loss
- Wide Operating Wavelength from 1260nm to 1650nm
- Outside plant rated

## Standards

- Telecordia GR-1209-CORE Compliant
- Telecordia GR-1221-CORE Compliant

## Applications

- FTTX, LAN/WAN, and CATV networks

## Product Specifications

| Category       | Specification    | Notes                          |
|----------------|------------------|--------------------------------|
| Fiber Type     | G657A1 or G652D  |                                |
| Cable          | Diameter in (mm) | .06 (1.6)                      |
|                | Material         | PVC                            |
|                | Color            | Output: Yellow<br>Input: Green |
|                | Length           | 40"(1M)                        |
| Connector Type | SC/APC           | Others available upon request  |
| Number Tube    | Yes              |                                |



Product shown: USPLT132SA

## Ordering Information

| Part Number | Description                    |
|-------------|--------------------------------|
| USPLT132SA  | 1X32 SC/APC Universal Splitter |
| USPLT164SA  | 1X64 SC/APC Universal Splitter |

## Technical Specifications

| Category                  | Specification     |        |        |
|---------------------------|-------------------|--------|--------|
| Parameters                | 1X32      1X64    |        |        |
| Operation Wavelength (nm) | 1260 - 1650       |        |        |
| Insertion Loss (dB)       | Exclude Connector | < 16.5 | < 20.5 |
|                           | With Connector    | <17.0  | <21.0  |
| PDL                       | <0.3              | <0.3   |        |
| Channel Uniformity        | <1.5              | <1.8   |        |
| Return Loss (dB)          | APC>55            |        |        |
| Directivity (dB)          | >55               |        |        |
| High Power Operation (mW) | 100               |        |        |
| Working / Storage Temp.   | -40C - +85C       |        |        |
| Humidity                  | 93% at 40C        |        |        |
| Air Pressure              | 62kPA-101kPa      |        |        |



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## Mechanical Specifications

|                        |                              |                     |
|------------------------|------------------------------|---------------------|
| Ratio:                 | 1X32                         | 1X64                |
| Dimension: (in)        | 3.85" x 5.5" x 0.5"          | 3.85" x 5.5" x 1.0" |
| Connector Options:     | SC/APC (or other by request) |                     |
| Pigtail Diameter: (in) | .06 (1.6)                    |                     |

## Splitter Configurations

