

# FST-12 Fiber Separation Tool

The FST-12 Fiber Separation Tool is used to quickly, accurately and reliably split ribbons into sub-groups or individual fibers. The ergonomic FST-12 design enables safe and reliable, one-handed operation for use in diverse fiber deployment environments, such as aerial and remote-site applications.

## Features and Benefits

- Enables separation of groups of fibers or single fibers and is not limited to only even-numbered groupings.
- One-handed operation allows the operator's other hand to guide and control the ribbon at all times, minimizing the potential for accidental damage to the fibers or ribbon.
- Hand-held method eliminates the need to utilize valuable work surface space for operation and is the ideal solution for remote-site and aerial operations such as bucket truck or ladder-sling applications.
- Performing two overlapping separations of the ribbon allows any single fiber or any sub-group of fibers to be extracted from the ribbon, even in mid-span taut-sheath operations where minimal ribbon length is available.
- Standard tool designed for fiber counts up to 12-fiber ribbon.



## Specifications

| Parameter                                       | Value                                              |
|-------------------------------------------------|----------------------------------------------------|
| Ribbon Thickness                                | 250 µm to 300 µm                                   |
| Ribbon Width                                    | 3.2 mm (12-fiber)                                  |
| Fiber Pitch                                     | 250 micron                                         |
| Fiber Coating Material                          | UV cured resin                                     |
| Separation Ratios: 12-fiber Ribbon              | 1:11, 2:10, 3:9, 4:8, 5:7, 6:6                     |
| Environmental Conditions: Operating Temperature | -10° to 50°C, 0 to 95% RH (non-dew)                |
| Storage Temperature                             | -40° to +80°C, 0 to 95% RH (non-dew)               |
| Dimensions                                      | 160L x 126W x 30H (mm)<br>6.30L x 4.96 x 1.18 (in) |
| Weight                                          | 220 g / 7.76 oz.                                   |

## Ordering Information

| Description                                                                                                                          | AFL NO. |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b>FST-12 Fiber Separation Tool</b><br>Includes: 12-fiber ribbon jaw set, instructional manual and color coded quick reference guide | S014012 |