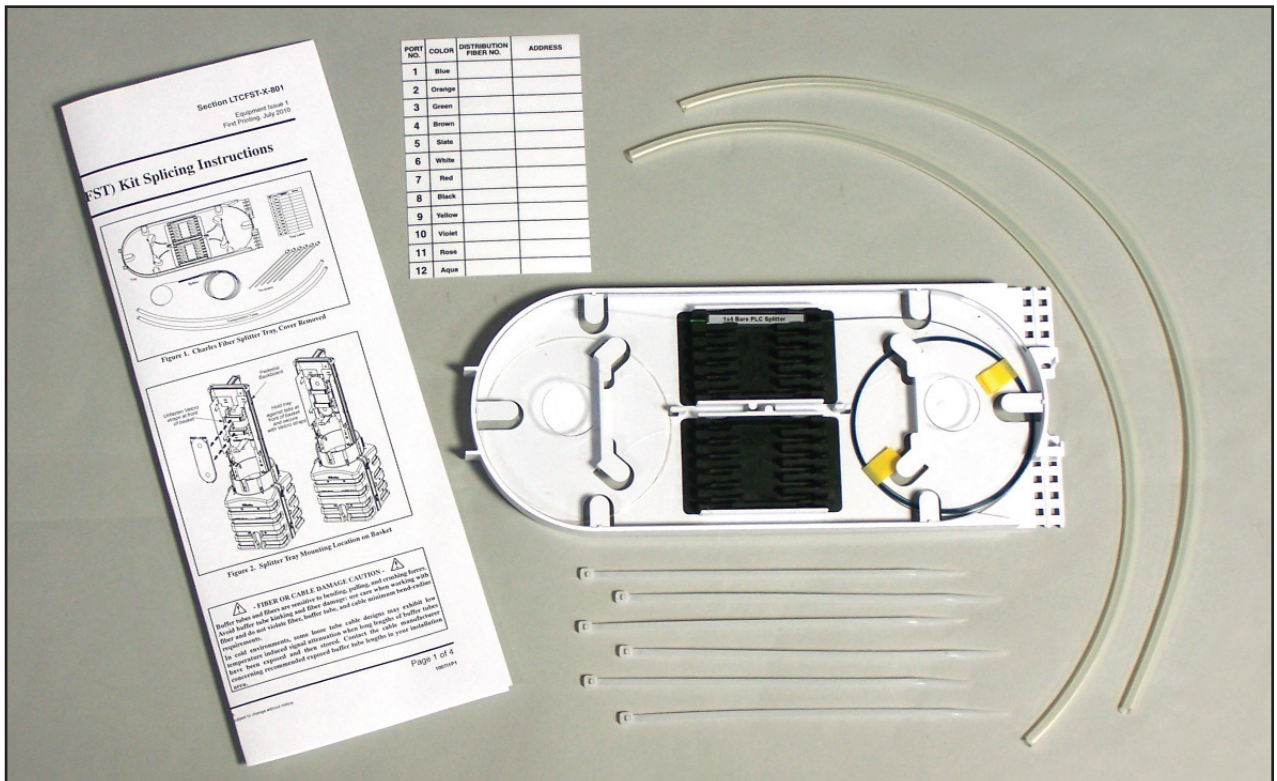


Charles Fiber Splitter Trays (CFST)

Charles Fiber Splitter Trays are used by fiber technicians to properly splice splitter input fibers and output fibers on a tray housed inside a fiber distribution pedestal such as Charles Fiber Distribution Point (CFDP) or Buried Distribution Optical (BDO) Pedestals, or in an environmentally protected cabinet such as Charles Universal Broadband Enclosures (CUBE).

The splitter tray kit includes either one or two splice trays, a mounted fiber splitter with stranded 250-micron fibers, transportation tubes and tie-wraps. Larger count 1x24 and 1x32 splitters include two splice trays for better fiber organization. Transportation tubes are included to allow for safe fiber ingress into and egress out of the tray, and attach to the butt-end of the tray with provided tie-wraps.



Splitter Specifications:

	1x4	1x8	1x12
Split Ratio	1x4	1x8	1x12
Operating Wavelengths	1260-1650 nm	1260-1650 nm	1260-1650 nm
Maximum IL	8.0 dB	11.5 dB	12.0 dB
Uniformity	0.6 dB	0.8 dB	1.0 dB
Return Loss	>55 dB	>55 dB	>55 dB
Directivity	>55 dB	>55 dB	>55 dB
PDL	0.2 dB	0.3 dB	0.3 dB
Split Ratio	1x16	1x24	1x32
Operating Wavelengths	1260-1650 nm	1260-1650nm	1260-1650nm
Maximum IL	13.5 dB	16.0 dB	16.5 dB
Uniformity	1.2 dB	1.7 dB	1.7 dB
Return Loss	>55 dB	>55 dB	>55 dB
Directivity	>55 dB	>55 dB	>55 dB
PDL	0.3 dB	0.3 dB	0.3 dB

Compliances:

- Splitters are Telcordia GR-1209-CORE and GR-1221-CORE compliant
- Fiber input and outputs are ITU-T G.657 Class A type bend insensitive fibers

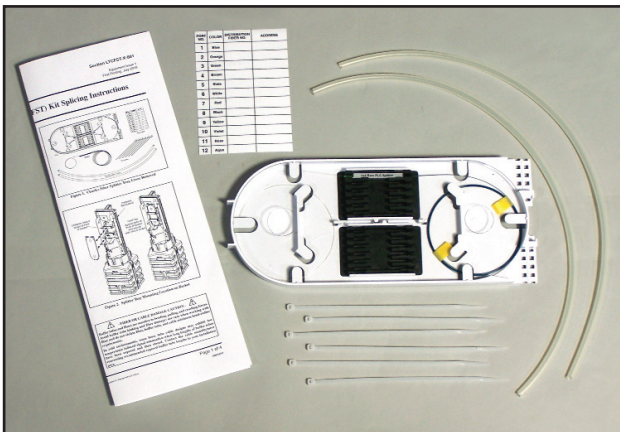


Fiber Routing

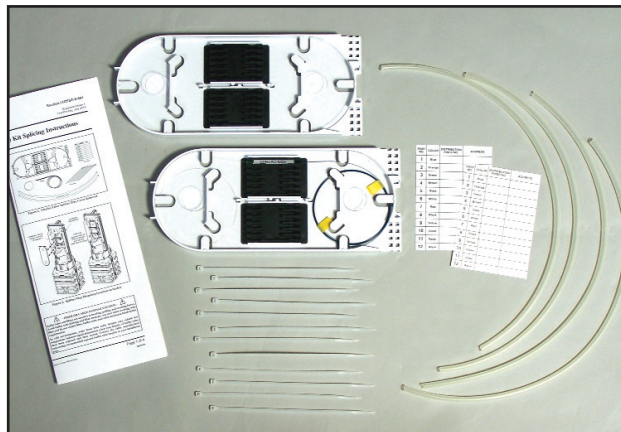
Please refer to **Charles Fiber Splitter Tray (CFST) Kit Splicing Instructions** (document #LTCFST-X-801) for fiber routing instructions and diagrams. A copy of this document is included in the packaging of each splitter tray.

Ordering Information

Charles Part #	Description
CFST-A110400	One 1X4 Premium PLC splitter mounted on a Charles Industries fiber splice tray, two transportation tubes and six tie-wraps
CFST-A110800	One 1X8 Premium PLC splitter mounted on a Charles Industries fiber splice tray, two transportation tubes and six tie-wraps
CFST-A111200	One 1X12 Premium PLC splitter mounted on a Charles Industries fiber splice tray, two transportation tubes and six tie-wraps
CFST-A111600	One 1X16 Premium PLC splitter mounted on a Charles Industries fiber splice tray, two transportation tubes and six tie-wraps
CFST-A112400	One 1X24 Premium PLC splitter mounted on a Charles Industries fiber splice tray, second splice tray, four transportation tubes and twelve tie-wraps
CFST-A113200	One 1X32 Premium PLC splitter mounted on a Charles Industries fiber splice tray, second splice tray, four transportation tubes and twelve tie-wraps
97-FIBR24TRAY	Charles Fiber Splice Tray, 12 or 24 splices, 9.5"x4"x.5"



1x4, 1x8, 1x12 and 1x16 CFST Kits include one splice tray, two transportation tubes, six tie-wraps, tray label and splicing instructions



1x24 and 1x32 CFST Kits include two splice trays, four transportation tubes, twelve tie-wraps, tray label and splicing instructions



Dependable Solutions, Superior Support


- Field-proven and unequalled 24-hour technical support
- Individualized application consultation
- Superior quality (ISO 9000/TL 9000 registered)

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