

OOFC Splice Cassette

24 and 36 port · HD footprint · LC · ribbon or loose tube · splice inside



Lid open. Left: OOFC-R-LC-36: 36F, ribbon singlemode pigtails. Center: OOFC-L-LC-36: 36F, 900 μ m loose tube singlemode pigtails. Right: OOFC-R-LC-24: 24F, ribbon singlemode pigtails.

OVERVIEW

24 or 36 spliced LC ports in one HD slot

The OOFC is One Optics' own splice cassette, in two port counts on the same body. The OOFC-36 puts 36 LC ports on nine LC quad adaptors; the OOFC-24 puts 24 LC ports on twelve LC duplex adaptors. Both use a standard HD front, with slack and splices inside one closed steel cassette.

Two builds. Ribbon: 12F ribbon fan-outs (three in the 36, two in the 24), LC terminated; the color-coded 900 μ m legs run under the splice tray and the clear ribbon is coiled on the tray and mass-fusion spliced at the splice chip. Loose tube: color-coded 900 μ m fibers are coiled on the tray and single-fusion spliced. Twelve cassettes fill an HD3U: 432 LC fibers with the OOFC-36, 288 with the OOFC-24.

24 / 36

LC PORTS

R / LRIBBON OR LOOSE
TUBE**288 / 432_F**

PER HD3U (12X)

1 slot

HD FOOTPRINT

FEATURES & APPLICATIONS

- ✓ **OOFC-36:** 36 LC ports, 9x LC quad adaptors
- ✓ **OOFC-24:** 24 LC ports, 12x LC duplex adaptors
- ✓ **Same body:** 4.29 x 1.38 in [109 x 35 mm] HD front
- ✓ **Ribbon version:** 12F fan-outs (2x or 3x) with 24 in [610 mm] clear ribbon tails, mass fusion
- ✓ **Loose tube version:** 900 μ m fibers, single fusion
- ✓ **TIA-598 color code** on every 900 μ m leg
- ✓ **Ribbon:** two levels, 900 μ m fan-out under the tray, ribbon coiled and spliced on top
- ✓ **Loose tube:** 900 μ m fibers coiled and spliced on the tray, around the splice chip
- ✓ **18 GA galvaneal steel** base and lid
- ✓ **Two 3/4 in cable entries** with grommets and plugs
- ✓ **Applications:** data center, enterprise, carrier, OSP

FIBER PATH

01

Cable in

Cable enters through one of two 3/4 in grommets; each entry has a plug for when it is not used.

02

Splice

At the splice chip on top of the tray: ribbon tails (24 in) by mass fusion, or 900 μ m fibers by single fusion.

03

Store slack

Ribbon or 900 μ m slack coils on top of the tray, around the splice chip.

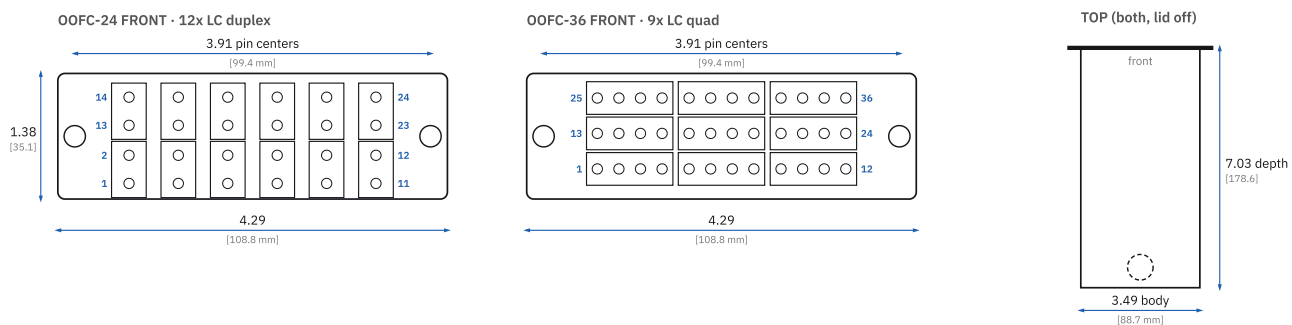
04

To the LC ports

Ribbon: under the tray, each 12F fan-out splits the ribbon into 12 color-coded 900 μ m legs. Loose tube: the 900 μ m fibers run straight to the LC adaptors.



DIMENSIONS



SPECIFICATIONS

Ports	OOFC-24: 24 LC on 12 LC duplex adaptors OOFC-36: 36 LC on 9 LC quad adaptors
Fiber inside	Ribbon: 2x or 3x 12F fan-outs, 900 μ m legs Loose tube: 900 μ m color-coded fibers
Ribbon tail length	24 in [610 mm] (ribbon version)
Fiber management	Ribbon: fan-out under the tray, ribbon coiled and mass-fusion spliced on top Loose tube: 900 μ m coiled and single-fusion spliced on the tray
Cable entry	2x 3/4 in [19 mm], grommets and plugs
Material	18 GA galvaneal steel; black ABS+PC guide
Mounting	2 push-pin fasteners
Fiber mode	Singlemode standard; multimode on request

ORDERING

OOFC - [L/R] -
[LC/LA] - [24/36]

L = loose tube, R = ribbon ·
connector / polish · ports

PART NUMBER	DESCRIPTION	PRICING
OOFC-R-LC-24	24-port, ribbon, LC/UPC	Contact sales
OOFC-R-LA-24	24-port, ribbon, LC/APC	Contact sales
OOFC-R-LC-36	36-port, ribbon, LC/UPC	Contact sales
OOFC-R-LA-36	36-port, ribbon, LC/APC	Contact sales
OOFC-L-LC-24	24-port, loose tube, LC/UPC	Contact sales
OOFC-L-LA-24	24-port, loose tube, LC/APC	Contact sales
OOFC-L-LC-36	36-port, loose tube, LC/UPC	Contact sales
OOFC-L-LA-36	36-port, loose tube, LC/APC	Contact sales

Fits: HD3U, 12 cassettes per chassis: 288 LC fibers (OOFC-24) or 432 LC fibers (OOFC-36); HD1U and HD Slim 1U, 4 cassettes each. OOFC-24 also fits the WMHD2X (2) and WMHD6X (6); the OOFC-36 does not. Order the 36-port version loaded in an HD3U as HD3U-C-LC-432.

Contact sales for pricing. Specifications are subject to change.
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Test data and certificate of conformance available on request.