



FIST-FSASA2

FIST field installable splitter sub-assembly

FIST is a Fiber Infrastructure System Technology.

At the heart of the system lies the unique subassembly concept. The FIST-FSASA2 allows integration of splitters in any FIST network element in an easy and cost-effective way.

The FIST-FSASA2 passive optical devices are factory mounted in a closed housing which is labeled to indicate the factory measured insertion loss per port.

The splitter tray can be clipped onto the baseplate of a standard single fiber FIST-SOSA2 array of splicing trays which is built into the various FIST network products, e.g. splicing shelves (FIST-GSS2), patching shelves (GMS2), closures (FIST-GCO2, FIST-GCOG2) and boxes (FIST-GB2).

Provision for fiber, device and cable element identification is integrated in the design either by labeling and by using colored fibers.

The splitter components are based on FBT (fused biconic tapered) technology for low split ratio's.

For higher split ratio's, planar waveguide technology is used.

FIST - FSASA2 - XX - XX - X

Configuration - input ports

No. of input ports (1 or 2)

Configuration - output ports

No. of output ports (2 to 64)

Maximum number of integrated splitters

Split ratio	Grade A	Grade P/O
1x2	10	-
2x2	8	-
1x3	8	-
1x4	5	2
2x4	5	2
1x8	2	2
2x8	2	2
1x16	-	2
2x16	-	2
1x32	-	1
2x32	-	1
1x64	-	1

In- and output fiber configuration

- L** All fibers at the left side
- R** All fibers at the right side

Type of splitter

- A** Grade A
(FBT technology - for output for ports ≤ 8)
- P** Grade P
(planar component - for output ports ≥ 4)
- O** Grade O
(low loss planar component - for output ports ≥ 4)

Notes

- Specific product names will be assigned on an item by item basis for asymmetrical splitters.
- Please refer to RUD 5257 (grade A) and RUD 5330 (grade P and O) for detailed technical information.
- Some basic rules need to be respected when routing the fibers from the FIST-FSASA2 to the standard splicing trays. Refer to the installation instruction for more details.

Tyco Electronics, TE logo and FIST are trademarks

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, Tyco Electronics makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. Tyco Electronics' obligations shall only be as set forth in Tyco Electronics' Standard Terms and Conditions of Sale for this product and in no case will Tyco Electronics be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of Tyco Electronics products should make their own evaluation to determine the suitability of each such product for the specific application.

Tyco Electronics Raychem NV
 Diestsesteenweg 692
 3010 Kessel-Lo, Belgium
 Tel 32-16 351 011 (USA)1-919-557-8900
 Fax 32-16 351 697 (USA)1-919-557-8498
www.tycoelectronics.com
www.telecomosp.com
 TC 1011/DS/2 09/06