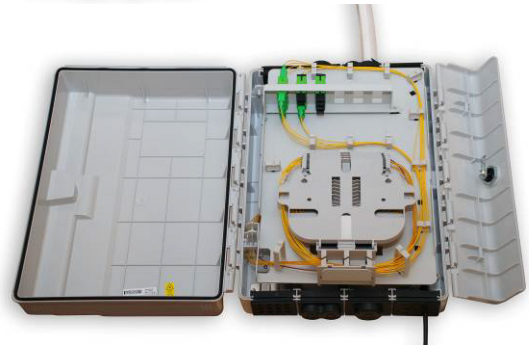
Fiber Access Terminal, 1/NCD 507 200

Indoor Applications - 24 Terminated Drops

Data Sheet



Features

- For PON and P2P applications
- Accommodates air-blown fiber in microducts and fiber optic cables
- Up to 24 terminated drops
- Supports cable mid-span
- Supports mounting of splitters
- Small size and discrete design
- Heavy duty strong plastic material
- IP 54 sealed, protection against dust, water spray and insects
- Tested according to IEC 61300
- Suitable for wall mounting

Application

The 1/NCD507200 is a Fiber Access Terminal (FAT) for indoor applications for up to 24 end user connections. The Ericsson FAT products are optimized for all FTTx architectures such as Passive Optical Networks (PON) and Point to Point (P2P). The FAT is used as a demarcation point between the distribution network and the drop network and provides quick and easy incremental installation of end user drops.

This unique product can handle both air-blown fiber in microducts, micro cables as well as drop cables and other fiber optic cables. It can also be used as a fiber optic splice box for various applications.

Design

The product is equipped with a connector panel for up to 24 connectors or splitter module with adapters for up to 16 connectors, and 4 splice trays for fiber splicing. Each tray has 8 positions for splice protection sleeves. Each position can accommodate up to 2 single sleeves. The trays can also be used for mounting of fiber optic splitters for distributed split architectures.
It is equipped with a lockable front door and a hinged mounting plate to facilitate installation. Cable entrances of “slide in” type are mounted at the bottom of the closure. This allows for quick and easy installation of virtually any type of cable or microduct.

Material

The housing is made of Polycarbonate plastic giving excellent mechanical strength at a very low weight. Metallic parts such as screws, microduct and cable holders etc. are made of stainless steel. The cable inlet seals and other rubber parts are of EPDM. All materials are RoHS approved.

Weight, size and color

Weight: 3.7 Kg
Dimensions (HxWxD): 368 x 275 x 114 mm
Color: Light grey

Ordering information

FAT Closures

1/NCD 507 200/1	FAT Indoor excluding adaptors
1/NCD 507 200/2	FAT Indoor with 24 SC/APC adaptors

General accessories

RNT 992 10 / 24	SC/APC adapter (green) w. shutter
RNT 992 10 / 23	SC/APC adapter (green)
RNT 992 10 / 14	SC adapter (blue) w. shutter
RNT 992 10 / 13	SC adapter (blue)
RNT 992 22 / 12	LC/APC adapter (green) w. shutter
RNT 992 22 / 13	LC/APC adapter (green)
RNT 992 22 / 14	LC adapter (blue) w. shutter
RNT 992 22 / 2	LC adapter (blue)
TSR 395 0426/2000	SC/ APC Pigtails
TSR 395 0423/2000	SC Pig tails
TSR 395 0433/2000	LC/ APC Pigtails
TSR 395 0414/2000	LC Pig tails
TSR 395 0626/2800	SC/ APC Fan-out (4-f ribbon)
TSR 395 0623/2800	SC Fan-out (4-f ribbon)
TSR 395 0633/2800	LC/ APC Fan-out (4-f ribbon)
TSR 395 0614/2800	LC Fan-out (4-f ribbon)
NTA 162 12/22	100 x Splice sleeve 1f, l=60mm
NTA 162 12/72	100 x Splice sleeve 1f, l=40mm
NTA 162 12/41	50 x Splice sleeve 2-8 f, l=40mm (ribbon)
SXA 113 9518/1	4 x 3mm duct holder FAT24
SXA 113 9526	FAT24 FMRDJ Bracket

Splitters for fusion splicing in trays

RDB 104 1604/1100	1x4	1-f / 4-f ribbon
RDB 104 1608/1100	1x8	1-f / 2x4-f ribbon
RDB 104 1616/1100	1x16	1-f / 2x8-f ribbon
RDB 104 1624/1100	1x24	1-f / 3x8-f ribbon
RDB 104 1604/1200	2x4	2-f / 4-f ribbon
RDB 104 1608/1200	2x8	2-f / 2x4-f ribbon
RDB 104 1616/1200	2x16	2-f / 2x8-f ribbon

Splitter modules with adapters

RDJ 901 201/1	SPLM 4x1:2 SC/APC adapters
RDJ 901 201/2	SPLM 1:4 SC/APC adapters

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RDJ 901 201/3	SPLM 2x1:4 SC/APC adapters
RDJ 901 201/4	SPLM 1:8 SC/APC adapters
RDJ 901 201/5	SPLM 2x1:8 SC/APC adapters
RDJ 901 201/6	SPLM 1:16 SC/APC adapters

* See separate data sheet for detailed technical specification

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