high density ftth splitter, 19-inch rack type

Product information

The OSP19-SC/APC is an optical splitter with SC/APC termination in a 19-inch 1U rack.

In front of the chassis there is featured a fiber management tray, making it easier to handle high quantities of fibres in the rack. Additionally the mounting brackets are depth adjustable, allowing more flexibility with different rack cabinets.

Tree-couplers are very often used to divide or combine signals from different locations in an optical network. For these applications DKT has a range of couplers to split and combine signals from 1x16 lines and up to 1x64 lines in 1U.

These products feature low insertion loss, high directivity and are specially designed for CATV communication and FTTH/FTTx communication networks.

Features

- High stability.
- Low insertion loss.
- 19-inch mounting.
- High quality connectors.
- High network uptime.

Empty 19" housing for custom configuration is also available.

The housing have 25 ports, 1 marked as "IN" and 24 ports numbered from 1-24. The package also contains screws for fastening adaptors.

Type	Item no.
Housing	69799
SC/APC Adaptor	67200
LC/APC Duplex Adaptor	67207

19-inch rack optical splitter

Type	16-way	32-way	64-way
Item no.	69703	69700	69710
Typical insertion loss (dB)	≤ 14.0	≤ 17.1	≤ 21.5
Typical uniformity (dB)	≤ 1.5	≤ 1.5	≤ 2.5
Polarization dependent loss (dB)	≤ 0.3	≤ 0.3	≤ 0.4
Operating wavelength (nm)	1260 ~ 1610	1260 ~ 1610	1260 ~ 1610
Return loss / Directivity (dB)	≥ 55	≥ 55	≥ 55
Operation temperature range (°C)	-40...85	-40...85	-40...85
Fibre type	G657A	G657A	G657A
Port configuration	1 x 16	1 x 32	1 x 64
Connector type	SC/APC	SC/APC	SC/APC
Dimensions (H x W x D mm)	44 x 483 x 170	44 x 483 x 170	44 x 483 x 170

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