

FiberOptic Compact Module 7hp 24xLC/APC



Compact module, 3U height and 7hp width for the installation of single 3U sub-rack system.

Each unit has the maximum capacity of 24 optical connections in LC/APC.

The front plate has identification by means of being able to identify the optical ports.

The module is packaged in a unique cardboard box including splice protectors heat shrink type 45mm length.

There's the possibility to include optical splitters in various divisional ratios.

Ready to ASSEMBLE

The module can be assembled in several versions according to each customer specification:

a) Front Panel

- 1) Light Grey RAL7035
- 2) Smooth Black RAL9005

b) Flangeless LC/APC Adaptors

- (1) Standard
- (2) With laser front protection mechanism (inner shutter)
- (3) With dust and laser front protection mechanism



Dust Protection



Eye safety shutter

c) Pigtails LC/APC easy strip

(1) Type of Fibre

- (a) G652D
- (b) G657A2

(2) Fibre Color

- (a) White
- (b) Yellow
- (c) 12 color code

(3) Length

- (a) 1 mt
- (b) 1,5 mt
- (c) 2 mt

(4) Fibre termination in the fusion zone

- (a) With termination to 900um staggered ends
- (b) With 250um termination ends, or be it with bare fibre ends
- (c) Ready-to-Splice or be it with bare fibre ends and fitted with fusion splice Protectors, duly identified from 1-24



Visible light for easy identification

(5) Type of polishing and termination of the SC/APC connector

- (a) Grade C $\leq 0,25\text{dB}$ mean | $\leq 0,50\text{dB}$ 97% of sample
- (b) Grade B $\leq 0,12\text{dB}$ mean | $\leq 0,25\text{dB}$ 97% of sample
- (c) Grade A $\leq 0,07\text{dB}$ mean | $\leq 0,15\text{dB}$ 97% of sample (with capacity High Power)

d) LC/APC Connector

- (1) Standard
- (2) With long Pull-Tab
- (3) With short Pull-Tab

* Color code according to standard

Number	ANSI/TIA-598	IEC	Deutsche Telekom	Swisscom
1	blue	blue	red	red
2	orange	yellow	green	green
3	green	red	blue	yellow
4	brown	white	yellow	blue
5	gray	green	white	white
6	white	violet	gray	violet
7	red	orange	brown	orange
8	black	gray	violet	black
9	yellow	turquoise	turquoise	gray
10	violet	black	black	brown
11	heather violet	brown	orange	heather violet
12	turquoise	heather violet	heather violet	turquoise

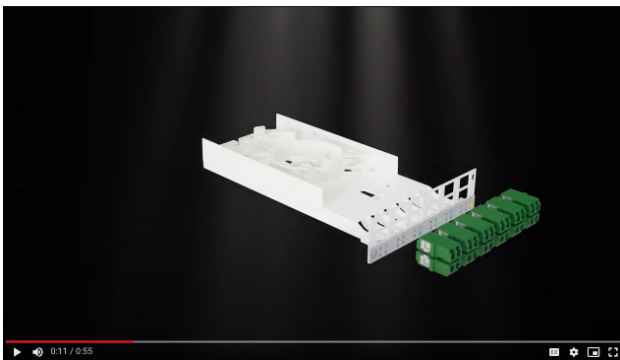
Option to include Optical pre-connectorised Splitters



Possible Configurations

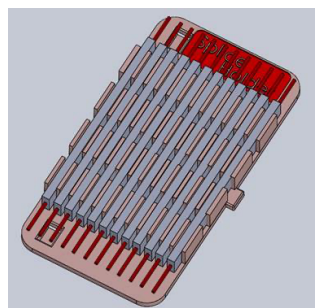
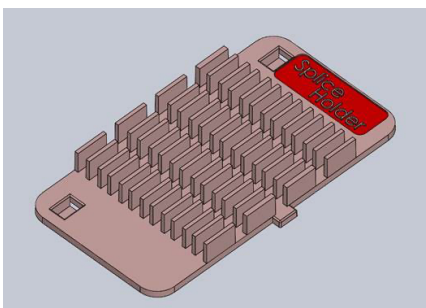
- ✘ 6unid Splitter 1:2
- ✘ 4unid Splitter 1:4
- ✘ 2unid Splitter 1:8
- ✘ 6unid Splitter 2:2
- ✘ 4unid Splitter 2:4
- ✘ 2unid Splitter 2:8

Online Vídeo demonstration



Under development

For the German telecom market Yelco is developing a new splice holder for crimp (ANT) type:



End of Technical Specification
V2_Proj FA082