OSP Terminal with Engineered TAPs

Description:

The Go!Foton OSP Terminal with Engineered TAPs integrates fiber optic tap splitters, drop ports connectors, and mid-span splicing into a small weather-tight enclosure. This compact and easy-to-access terminal enables fast installation of subscriber connections with guaranteed quality and performance. It is the ideal solution for fiber-to-the-home deployments in low- to medium-density and rural FTTx networks.
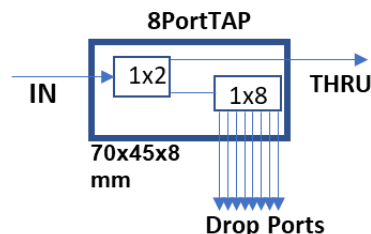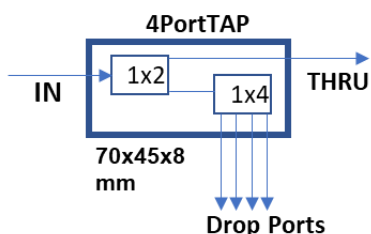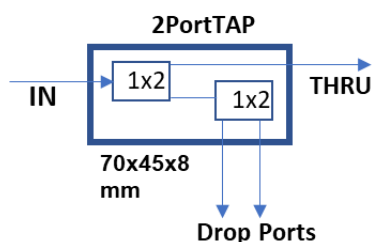
Features:

- Available in 2-port, 4-port, and 8-port TAP configurations
- Compact size for concealed applications and tight spaces
- IP65 rated and UV resistant enclosure for OSP deployments
- Pre-connectorized drop ports, TAP splitters, and splice tray are pre-installed for immediate deployment
- Uses standard SC or LC pre-connectorized drop cables
- Buckle-lock design for tool-less access and secure installation
- Strand, pole, or wall mountable

Applications:

- Rural FTTx deployments where subscriber density is significantly lower than in urban areas
- FTTx pathways that have individual or small clusters of subscribers spread out over long distances

Benefits:

- Simple deployment and easy maintenance of a single type of terminal, splice procedure, and connectorized drop cables at each location
- Lower overall cost to deploy with less fiber and smaller fiber count cables for rural, low- to medium-density areas
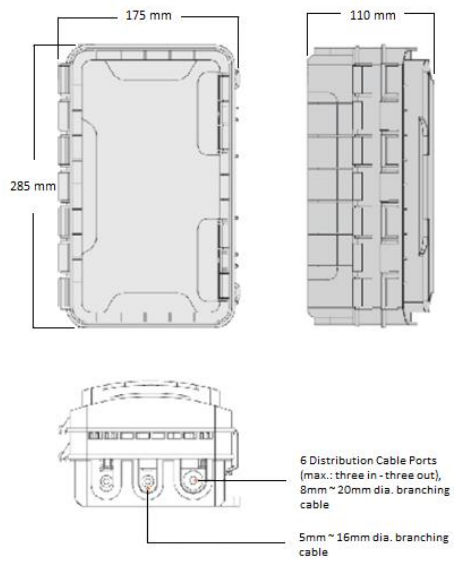
2PortTAP

IN — 1x2 — 1x2 — THRU
70x45x8 mm
Drop Ports

4PortTAP

IN — 1x2 — 1x4 — THRU
70x45x8 mm
Drop Ports

8PortTAP

IN — 1x2 — 1x8 — THRU
70x45x8 mm
Drop Ports

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Specifications:

PARAMETER	SPECIFICATION
Number of Drop Ports	2-port, 4-port, or 8-port
Drop Cable Ports	Qty 16: 3mm ~ 7mm round ports
Adapter Type(s)	SC/APC, SC/UPC. LC/APC, or LC/UPC simplex
Feeder Cable Diameter	7mm ~ 18mm
Maximum Splice Count for Feeder	24 fibers (single fusion splice)
Mounting Options	Strand, Pole, and Wall Mount (hardware included)
Color	Black
Weight	1.7 kg
Dimensions	11.2" x 6.9" x 4.3" (285mm x 175mm x 110mm)
Operating Temperature	-40°C to +65°C
Classification	IP65 and GR-771

Product Dimensions:

175 mm

110 mm

285 mm

6 Distribution Cable Ports
(max.: three in - three out),
8mm ~ 20mm dia. branching
cable

5mm ~ 16mm dia. branching
cable

Product Details:

Top Layer:
Splitter Ports for
Drop Cable
Connections
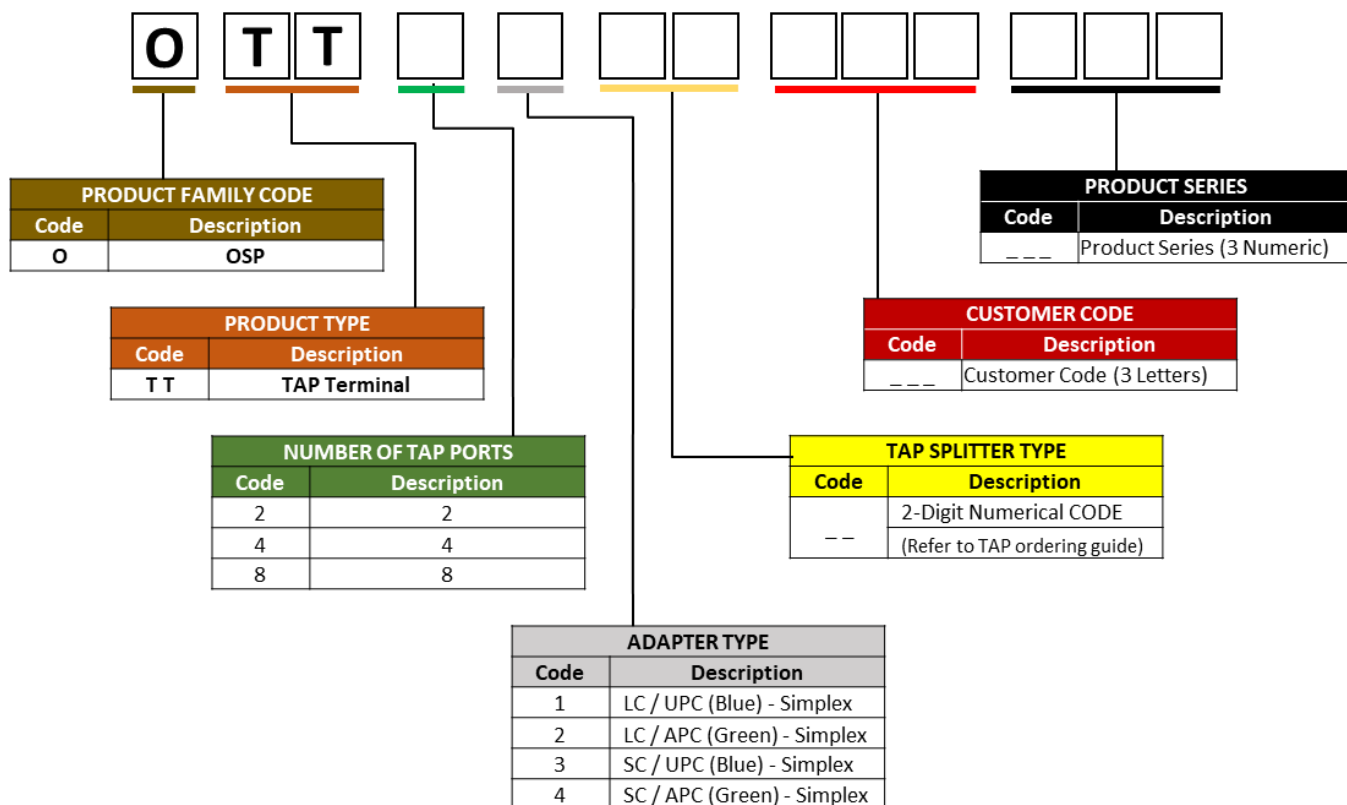
Middle Layer:
Splice Tray for
Feeder Fiber
Integration

Bottom Layer:
Feeder Fiber
Slack Management

**Wall/Pole
Mounted**

OSP Terminal with Engineered TAPs

Ordering Guide:

O T T ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

PRODUCT FAMILY CODE

Code	Description
O	OSP

PRODUCT TYPE

Code	Description
T T	TAP Terminal

NUMBER OF TAP PORTS

Code	Description
2	2
4	4
8	8

ADAPTER TYPE

Code	Description
1	LC / UPC (Blue) - Simplex
2	LC / APC (Green) - Simplex
3	SC / UPC (Blue) - Simplex
4	SC / APC (Green) - Simplex

TAP SPLITTER TYPE

Code	Description
– –	2-Digit Numerical CODE
	(Refer to TAP ordering guide)

CUSTOMER CODE

Code	Description
_ _ _	Customer Code (3 Letters)

PRODUCT SERIES

Code	Description
_ _ _	Product Series (3 Numeric)

Example Ordering Codes:

Order Code: OTT2408
Description: OSP TERMINAL WITH 2-DROP PORTS AND 8DB TAP SC/APC

Order Code: OTT4413
Description: OSP TERMINAL WITH 4-DROP PORTS AND 19DB TAP SC/APC

OSP Terminal with Engineered TAPs

TAP Ordering Guide:

Code	TAP Value	TAP Module Description
MODULE WITH 2-DROP PORTS		
01	21 dB	99/1 TAP WITH 1X2 SPLITTER DROP PORTS
02	19 dB	98/2 TAP WITH 1X2 SPLITTER DROP PORTS
03	17 dB	97/3 TAP WITH 1X2 SPLITTER DROP PORTS
04	15 dB	95/5 TAP WITH 1X2 SPLITTER DROP PORTS
05	14 dB	94/6 TAP WITH 1X2 SPLITTER DROP PORTS
06	12 dB	90/10 TAP WITH 1X2 SPLITTER DROP PORTS
07	10 dB	80/20 TAP WITH 1X2 SPLITTER DROP PORTS
08	8 dB	75/25 TAP WITH 1X2 SPLITTER DROP PORTS
09	7 dB	70/30 TAP WITH 1X2 SPLITTER DROP PORTS
10	5 dB	60/40 TAP WITH 1X2 SPLITTER DROP PORTS
11	4 dB	1X2 SPLITTER DROP PORTS - TERMINATOR TAP
MODULE WITH 4-DROP PORTS		
12	21 dB	99/1 TAP WITH 1X4 SPLITTER DROP PORTS
13	19 dB	98/2 TAP WITH 1X4 SPLITTER DROP PORTS
14	17 dB	97/3 TAP WITH 1X4 SPLITTER DROP PORTS
15	15 dB	95/5 TAP WITH 1X4 SPLITTER DROP PORTS
16	13 dB	93/7 TAP WITH 1X4 SPLITTER DROP PORTS
17	11 dB	90/10 TAP WITH 1X4 SPLITTER DROP PORTS
18	10 dB	85/15 TAP WITH 1X4 SPLITTER DROP PORTS
19	9 dB	80/20 TAP WITH 1X4 SPLITTER DROP PORTS
20	7 dB	1X4 SPLITTER DROP PORTS - TERMINATOR TAP
MODULE WITH 8-DROP PORTS		
21	22 dB	99.5/0.5 TAP WITH 1X8 SPLITTER DROP PORTS
22	21 dB	99/1 TAP WITH 1X8 SPLITTER DROP PORTS
23	19 dB	98/2 TAP WITH 1X8 SPLITTER DROP PORTS
24	17 dB	97/3 TAP WITH 1X8 SPLITTER DROP PORTS
25	15 dB	95/5 TAP WITH 1X8 SPLITTER DROP PORTS
26	14 dB	94/6 TAP WITH 1X8 SPLITTER DROP PORTS
27	12 dB	90/10 TAP WITH 1X8 SPLITTER DROP PORTS
28	11 dB	1X8 SPLITTER DROP PORTS – TERMINATOR TAP

TAP MODULE (internal)

250um fiber - 4000±100mm

1500±100

2x for 2-port TAP
4x for 4-port TAP
8x for 8-port TAP