

FEATURES:

- Telcordia GR-1221 Compliant
- Patented accessibility; easy, fast and accurate
- Low Insertion Loss
- Up to 24 simplex LC connectors per tray or 12 SC Simplex Connector
- Excellent Uniformity
- Low PDL
- Exceptionally Stable and Reliable

APPLICATIONS:

- B-PON / G-PON
- Fiber-to-the-Premise
- Fiber-to-the-Home
- Data Center
- Telecom Central Office
- CATV Headend + OSP Cabinets

DESCRIPTION:

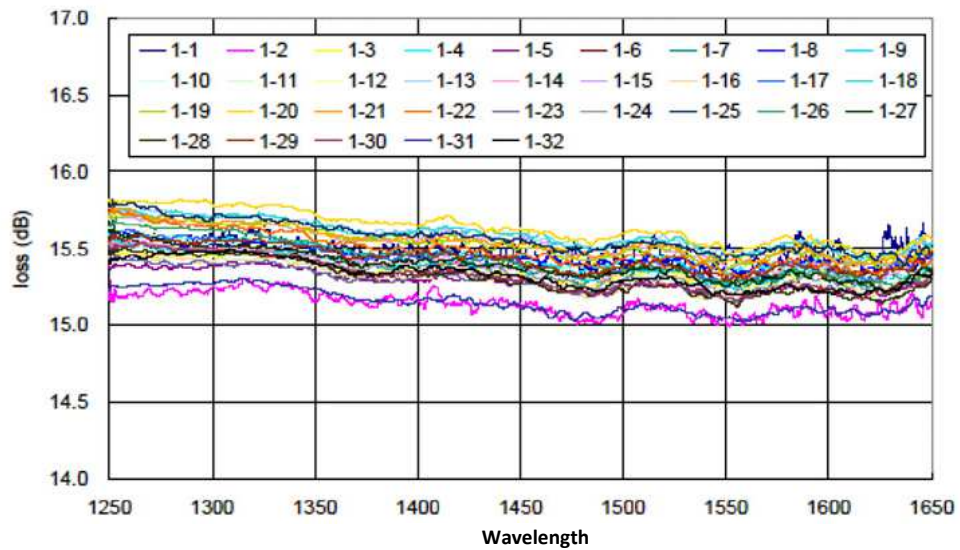
The Go!Foton PEACOC Ultra High Density Fiber Management Platform has been awarded US Patent #8,939,792 for its unique and innovative approach to fiber management. PEACOC is a fully integrated and modular technology platform which forms the foundation on which small form factor jumpers and a multitude of optical components can be easily incorporated and managed in an ultra-high density rack system. Now, with release of the newest PEACOC V3.0 chassis, the same award winning PEACOC™ technology is now available in modular form with the introduction of the value added PEACOC FleT™ – a Flexible Tray configuration which gives PEACOC users the complete control to reconfigure the 1RU PEACOC chassis in the field.

The PEACOC FleT is a highly flexible, cassette based design which may be ordered preconfigured or reconfigured in the field at any time, to support a variety of fiber patching and splicing applications. In addition, the FleT enhancement to PEACOC allows users to field install, manage and reconfigure integrated optical components such as tap splitters, PLC splitters and xWDM filter modules.

Go!Foton's PLC Splitters provide high performance with very low insertion loss, excellent uniformity and temperature stability, and low PDL. They are designed for demanding requirements over a wide operating wavelength range and are GR-1209-CORE, GR-1221-CORE specification compliant. The splitters are pigtailed with Bend-Insensitive Single Mode fiber to achieve a robust, compact package that is durable for field handling. The splitters are available in 4, 8, 12, 16, channel configuration with a variety of connector choices.



Wavelength Spectrum:



SPECIFICATION:

The products supplied to this specification shall meet or exceed all the requirements specified herein.

A. OPTICAL CHARACTERISTICS

| Parameters | Unit | Specification | | | |
|--|------|---------------|--------|--------|--------|
| Operating Wavelength Range | nm | 1260 ~1650 | | | |
| Configuration | nm | 1x4 | 1x8 | 1x12 | 1x16 |
| Split Ratio | % | even | | | |
| Insertion Loss ¹ | dB | ≤ 7.4 | ≤ 10.9 | ≤ 13.2 | ≤ 14.1 |
| Uniformity | dB | ≤ 1.0 | ≤ 1.0 | ≤ 1.0 | ≤ 1.4 |
| Polarization Dependent Loss | dB | ≤ 0.20 | ≤ 0.30 | ≤ 0.30 | ≤ 0.30 |
| WDL | dB | ≤ 0.3 | | | |
| Return Loss ² | dB | ≥ 55 | | | |
| Directivity | dB | ≥ 50 | | | |
| Optical Power Handling | mW | ≤500 | | | |
| Operating Temperature Range | °C | -40 to 85 | | | |
| Operating humidity Range (No Condensation) | %RH | 5 to 85 | | | |
| Storage Temperature Range | °C | -40 to 85 | | | |

| | | |
|--|------|--|
| Storage Humidity Range (No Condensation) | %RH | 5 to 85 |
| Fiber Type | - | ITU G657A2, G657 B2 and G65D Compliant Single Mode Fiber |
| Fiber Jacket | - | 900µm tight buffer |
| Package Size | inch | 11.8"L x 21"W x 1.7"H (1RU) |
| Number of Circuits(Units) per tray | - | Please see table1 |
| Accessibility | - | LC Connectors with LC Blue Duplex Adapters |

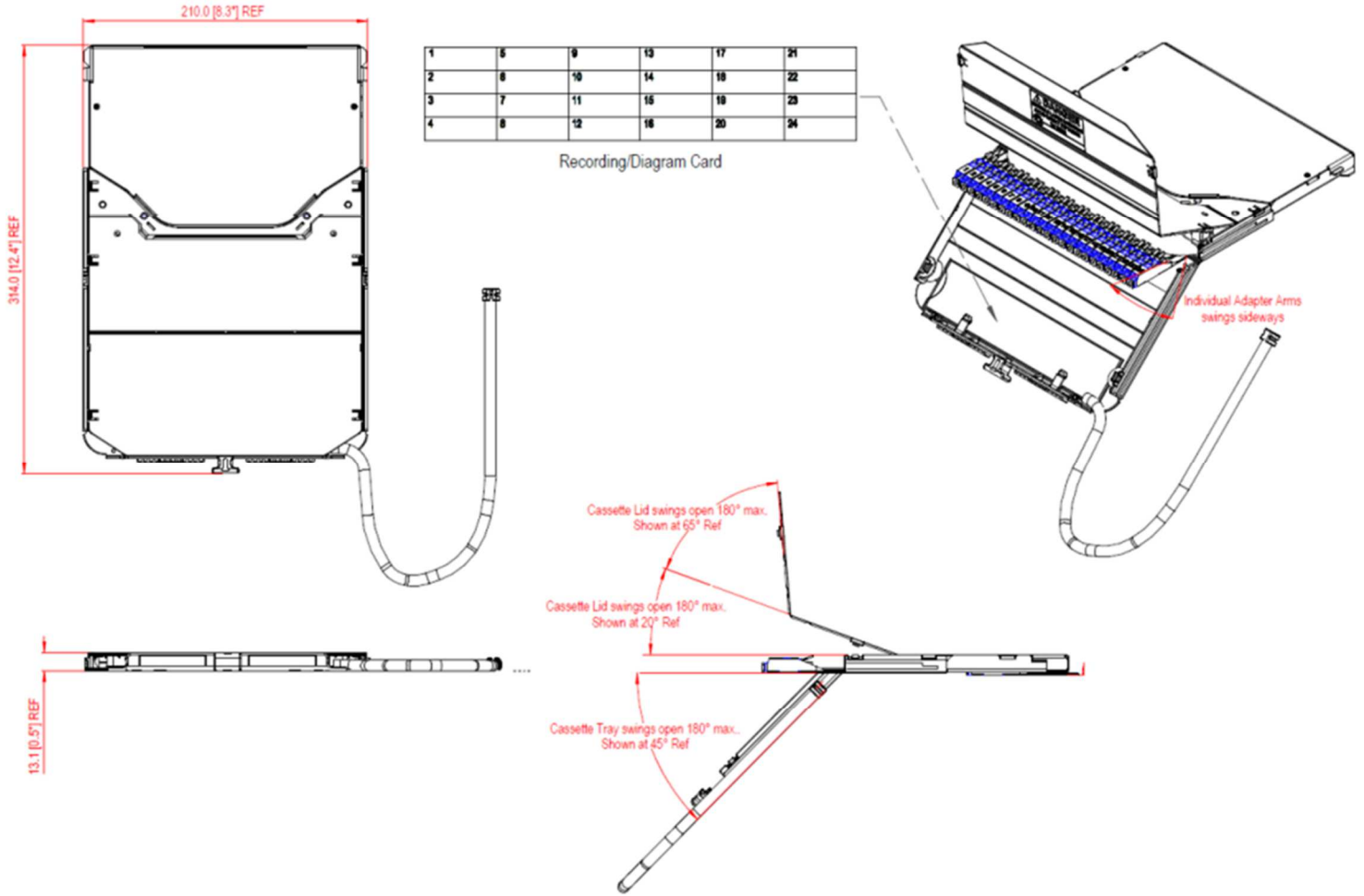
Notes:

1. All specifications are without fiber connectors.
2. Uniformity is defined as loss difference between output ports (ie. between O1 and O2 for 1x2 splitter).
3. Custom Configuration is also available (ie., 1x2 and 1x4 in one tray) per customer's request.

Table1: Number of units/circuits per tray

| Configurations | Max sets per tray | Total Number of Ports |
|----------------|-------------------|-----------------------|
| 1x4 | 4sets per tray | 20 Ports |
| 1x8 | 2sets per tray | 18 Ports |
| 1x12 | 1set per tray | 13 Ports |
| 1x16 | 1set per tray | 17 Ports |

B. PACKAGE DIMENSIONS



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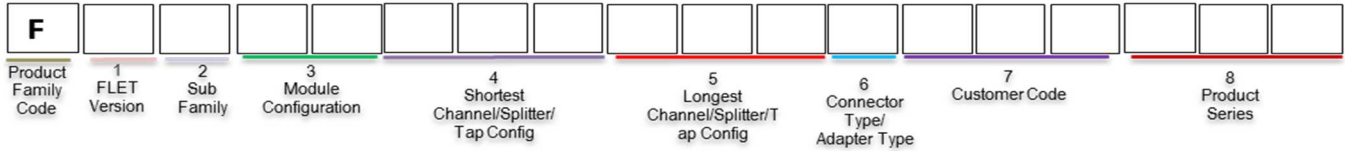
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*Go!Foton can provide a remarkable range of customized optical solutions. See below ordering information:

Ordering Information:



| PRODUCT FAMILY CODE | |
|---------------------|------------------|
| Code | Code Description |
| J | PACO JUMPERS |
| M | MFOC JUMPERS |
| B | FAN-OUT JUMPERS |
| F | FLET |
| P | PEACOC |

| Tray Configuration | |
|--------------------|---------------------|
| Code | Code Description |
| A | ver 1.0 tray A only |
| B | ver 1.0 tray B only |
| C | ver 1.0 tray C only |
| D | ver 1.0 tray D only |
| E | ver 1.0 tray E only |
| F | ver 1.0 tray F only |
| X | V3.0, any tray |
| L | V3.0, Fully loaded |
| M | V1.0, Fully loaded |
| 1 | V3.0, 1 Tray |
| 2 | V3.0, 2 Trays |
| 3 | V3.0, 3 Trays |
| 4 | V3.0, 4 Trays |
| 5 | V3.0, 5 Trays |

| SUB - FAMILY | |
|--------------|------------------|
| Code | Code Description |
| C | CWDM |
| D | DWDM 100G |
| E | DWDM 200G |
| F | PON/FTTX |
| T | Taps |
| S | Splitters |

| For D/CWDM Configuration | |
|--------------------------|---------------------------------------|
| Code | Code Description |
| 1S | 4CH Standard |
| 1P | 4CH Premium |
| 2S | 8CH Standard |
| 2P | 8CH Premium |
| 3S | 16CH Standard |
| 3P | 16CH Premium |
| 4S | 20CH Standard |
| 4P | 20CH Premium |
| 09 | For Custom other no. of channel count |
| For TAPS | |
| 10 | Tap 10/90 |
| 30 | Tap 30/70 |
| 50 | Tap 50/50 |
| For Splitters | |
| A1 | 1x4 |
| A2 | 1x6 |
| A3 | 1x8 |
| A4 | 1x12 |
| A5 | 1x16 |
| A6 | 1x24 |
| For PON/FTTX | |
| EW | Standard EWDM |
| VG | Video + GPON |
| VN | Video + NGPON |
| GN | Video + NGPON |
| VP | Video + GPON + NGPON |

| Shortest Channel Plan for C/DWDM (nm) | |
|---------------------------------------|-------------------------------------|
| Code | Code Description |
| XX1 | for CWDM (ex 471 for 1471) |
| CXX | for DWDM (ex C23 for C band ITU 23) |
| Channel Plan for EWDM/FTTX Ref Port | |
| Code | Code Description |
| XXX | 1550-1560nm |
| XXM | 1260-1360+1480-1500nm |
| XXN | 1480-1500+1550-1560nm |
| XXO | 1260-1360nm |
| XXP | 1260-1360+1550-1560nm |
| For Splitters / Tap Configuration | |
| Code | Code Description |
| 000 | for Splitters |
| 1X2 | for 1x2 Taps |
| 2X2 | for 2x2 Taps |
| XXX | for GPON/NGPON System/Others |

| Longest Channel Plan for C/DWDM (nm) | |
|--------------------------------------|-------------------------------------|
| Code | Code Description |
| XX1 | for CWDM (ex 471 for 1471) |
| CXX | for DWDM (ex C23 for C band ITU 23) |
| Channel Plan for EWDM/FTTX Pass Port | |
| Code | Code Description |
| XXX | 1550-1560nm |
| XXM | 1260-1360+1480-1500nm |
| XXN | 1480-1500+1550-1560nm |
| XXO | 1260-1360nm |
| XXP | 1260-1360+1550-1560nm |
| For Splitters / Tap Configuration | |
| Code | Code Description |
| SW1 | Single Window 1310±40nm |
| SW2 | Single Window 1550±40nm |
| DW1 | Dual Window 1310±40nm + 1550±40nm |
| PW1 | Fullband 1260-1625nm |
| MM3 | Multimode 850nm OM3 |

| CONNECTOR/ADAPTER TYPE | |
|------------------------|--------------------------------|
| Code | Code Description |
| 1 | LC/UPC; Blue Duplex Adapters |
| 2 | LC/APC; Green Duplex Adapters |
| 3 | SC/UPC; Blue Simplex Adapters |
| 4 | SC/APC; Green Simplex Adapters |
| 5 | LC/UPC; Blue Simplex Adapters |
| 6 | LC/APC; Green Simplex Adapters |
| P | Others |

| CUSTOMER CODE | |
|---------------|--------------------------------|
| Code | Code Description |
| - | Customer Code (3 Letters only) |

| PRODUCT SERIES | |
|----------------|----------------------------|
| Code | Code Description |
| - | Product Series (3 numeric) |

Example: FXSA5000FW11

FleT with version 3.0 design, PLC Splitter with 1x16 Configuration and has duplex LC blue adapters.

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