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# QUICK

## Product Guide

### FIBER OPTIC PRODUCT



บริษัท ก้าวเข้าสู่ปีที่ 25

โทร 02-508-0977 (อัตโนมัติ 20 คู่สาย)



# QUICK

## Product Guide FIBER OPTIC PRODUCT

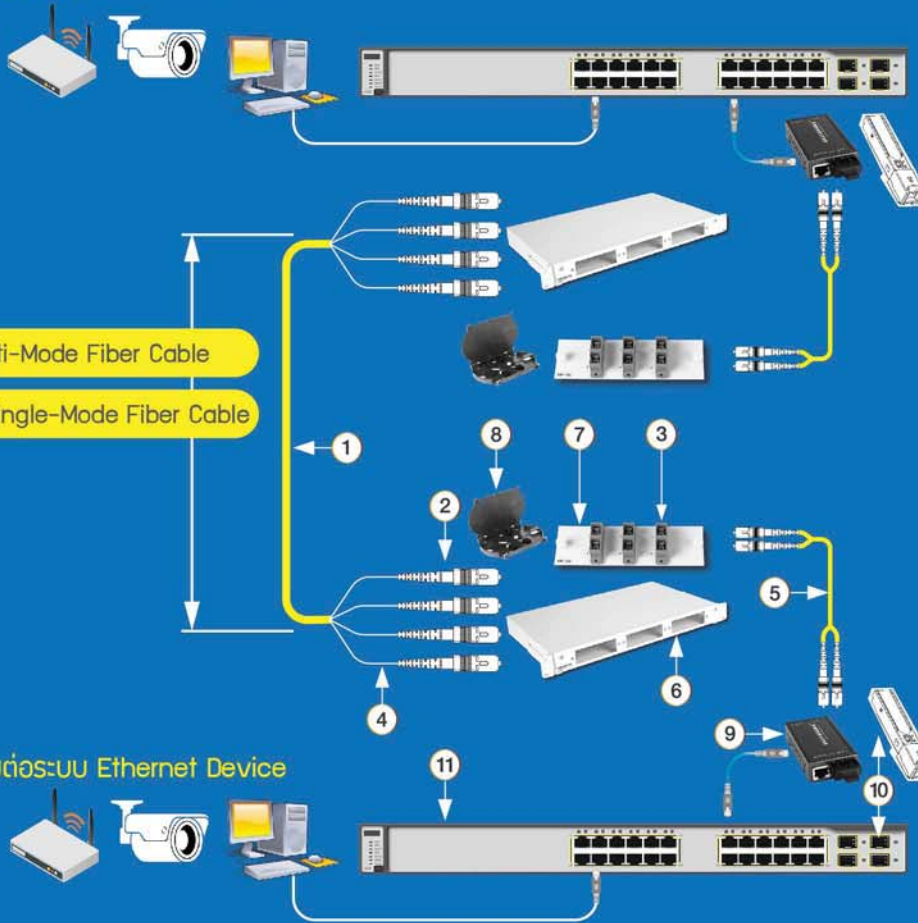
**NCS** บริษัท ก้าวเข้าสู่ปีที่ 25  
โทร 02-508-0977 (จัดโมดูล 20 คู่สาย)



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### Fiber Optic Cabling System Series.

เชื่อมต่อ:ยู Ethernet Device



2 Km. Multi-Mode Fiber Cable

120 Km. Single-Mode Fiber Cable

- 1 FIBER OPTIC CABLE
- 2 FIBER OPTIC CONNECTOR
- 3 FIBER OPTIC ADAPTER
- 4 FIBER OPTIC PIGTAIL CABLE
- 5 FIBER OPTIC PATCH CORD CABLE
- 6 FDU(FIBER DISTRIBUTION UNITE)
- 7 SNAP PLATE
- 8 SPLICE TRAY
- 9 MEDIA CONVERTER
- 10 SFP MODULE TRANSCEIVER
- 11 ETHERNET SWITCH

เชื่อมต่อ:ยู Ethernet Device



Quick Guide UTP Compare catalog



Quick Guide FIBER Compare catalog



Quick Guide ACTIVE Compare catalog



Quick Guide CABINET RACK Compare catalog

# 1 FIBER OPTIC CABLE



## Construction and Material

| Fiber name(ชื่อรุ่น)                           | Mini-3 Twisted    | Mini-3 Twisted    | Mini-3 Twisted         | Single Central Tube | Single Central Tube | Single Central Tube     |
|--|-------------------|-------------------|------------------------|---------------------|---------------------|-------------------------|
| Structure(โครงสร้าง)                           | ADSS              | ARSS              | Drop Wire              | AD                  | AR                  | Drop Wire               |
| Metallic structure(มีโลหะในตัวสาย)             | -                 | Metallic          | Metallic               | -                   | Metallic            | Metallic                |
| Non-Metallic structure(ไม่มีโลหะในตัวสาย)      | Non-Metallic      | -                 | -                      | Non-Metallic        | -                   | -                       |
| Central tube type(ชนิดท่อนกลาง)                | -                 | -                 | -                      | Central tube        | Central tube        | Central tube            |
| Loose tube type(ชนิดท่อนกลางหลวม)              | Multi-loose tube  | Multi-loose tube  | Multi-loose tube       | -                   | -                   | -                       |
| Strength member material type(ตัวรองรับแรงดึง) | E-glass yarn[FRP] | E-glass yarn[FRP] | -                      | E-glass yarn[FRP]   | E-glass yarn[FRP]   | -                       |
| Armor material type(วัสดุป้องกันสาย)           | -                 | -                 | Corrugate steel tape   | -                   | -                   | Corrugate steel tape    |
| Ripcord type(เชือกพลาซาย)                      | Yarn              | Yarn              | Yarn                   | Yarn                | Yarn                | Yarn                    |
| Messenger wire size(ขนาดสายพวงนอกรวม)          | -                 | -                 | 1x1.6mm strand         | -                   | -                   | 7x0.53(1.6mm) strand    |
| Messenger material(วัสดุของสายพวงนอกรวม)       | -                 | -                 | Solid Galvalnize steel | -                   | -                   | Strand Galvalnize steel |
| Outer Jacket/Sheath(วัสดุเปลือกนอก)            | HDPE              | HDPE              | HDPE                   | LSZH                | HDPE                | HDPE                    |
| Outer color(สีเปลือกนอก)                       | Black             | Black             | Black                  | Black               | Black               | Black                   |

## Mechanical properties

|                                  |            |              |              |              |              |              |              |
|----------------------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Max tensile load installation    | N.         | 1200         | 1200         | 1800         | 1800         | 1800         | 1500         |
| Max tensile load operation       | N.         | 600          | 600          | 900          | 900          | 900          | 800          |
| Max span length                  | Meter      | 40-80        | 40-80        | 40-80        | -            | -            | 40-80        |
| Max crush resistance             | N/10cm.    | 2200         | 3400         | 3400         | 1500         | 2200         | 3400         |
| Cable diameter approximate       | mm.        | 8.0 +/-1.0   | 8.5 +/-1.0   | 9.4 +/-1.0   | 7.7 +/-0.5   | 7.9 +/-0.5   | 8.2 +/-0.2   |
| Overall diameter approximate     | mm.        | -            | -            | 15 +/-1.0    | -            | -            | 13.8 +/-0.5  |
| Weight cable approximate         | Kg/Km.     | 50 +/-10     | 75 +/-10     | 110 +/-10    | 60 +/-10     | 76 +/-10     | 90 +/-10     |
| Min bending radius, installation | Cable Dia. | 20x          | 20x          | 20x          | 20x          | 20x          | 20x          |
| Min bending radius operation     | Cable Dia. | 10x          | 10x          | 10x          | 10x          | 10x          | 10x          |
| Temperature installation         | °C         | -40 to 70° C | -40 to 70° C | -40 to 70° C | -40 to 70° C | -40 to 70° C | -40 to 70° C |
| Temperature storage              | °C         | -40 to 75° c | -40 to 75° c | -40 to 75° c | -40 to 75° c | -40 to 75° c | -40 to 75° c |
| Maximum wind velocity            | Km/Hr.     | 126          | 126          | 126          | -            | -            | 126          |

## Order Part Number (Best Seller)

| Fiber | Part Number | Type   | Part Number | Type   | Part Number | Type   | Part Number    | Type   | Part Number    | Type   | Part Number | Type   |
|-------|-------------|--------|-------------|--------|-------------|--------|----------------|--------|----------------|--------|-------------|--------|
|       | BC-0906MADS | 06C SM | BC-0906MAR  | 06C SM | BC-MDA0906  | 06C SM | BELL-SMD0906G  | 06C SM | BELL-SMA0906G  | 06C SM | BC-DSA9506  | 06C SM |
|       | BC-0912MADS | 12C SM | BC-0912MAR  | 12C SM | BC-MDA0912  | 12C SM | BELL-SMD0912C  | 12C SM | BELL-SMA0912C  | 12C SM | BC-DSA9512  | 12C SM |
|       | BC-0924MADS | 24C SM | BC-0924MAR  | 24C SM |             |        | BELL-MMD50U06C | 06C MM | BELL-MMA50U06C | 06C MM | BC-DSA5506  | 06C MM |
|       |             |        | BC-5506MAR  | 06C MM |             |        | BELL-MMD50U12C | 12C MM | BELL-MMA50U12C | 12C MM | BC-DSA5512  | 12C MM |
|       |             |        | BC-5512MAR  | 12C MM |             |        |                |        |                |        |             |        |



Fiber Optic Catalog



Price List Catalog



**8** BELLCOMMS  
Multi-Loose Tube 24-312 Cores

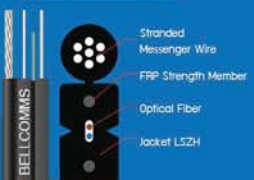


**7** BELLCOMMS  
Multi-Loose Tube 24-312 Cores



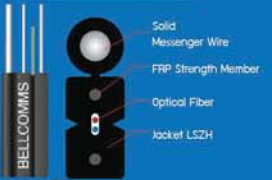
**9** BELLCOMMS  
Multi-Loose Tube 24-312 Cores

Cable for True compatible

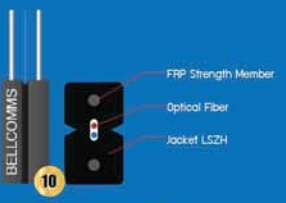


**11**  
Outdoor 1-4 core, Strand Wire

Cable for AIS compatible



**12**  
Outdoor 1-4 core, Solid Wire



**10**  
Indoor 1-4 core, Flat Distribution

Cable for TOT compatible



**13**  
Outdoor 1-4 core, Strand Wire

Construction and Material

|  | 7                | 8                | 9                       | 10                     | 11                      | 12                     | 13                      |
|--|------------------|------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|
|  | Descriptions     |                  |                         |                        |                         |                        |                         |
| Fiber name(ชื่อรุ่น)                           | Multi-Loose Tube | Multi-Loose Tube | Multi-Loose Tube        | FTTH FLAT Distribution | FTTH FLAT Strand wire   | FTTH FLAT Solid wire   | FTTH Round Strand wire  |
| Structure(โครงสร้าง)                           | ADSS             | ARSS             | FIG-8                   | Distribution           | Drop Wire               | Drop Wire              | Drop Wire               |
| Metallic structure(มีโลหะในตัวสาย)             | -                | Metallic         | Metallic                | -                      | Metallic                | Metallic               | Metallic                |
| Non-Metallic structure(ไม่มีโลหะในตัวสาย)      | Non-Metallic     | -                | -                       | Non-Metallic           | -                       | -                      | -                       |
| Central tube type(ชนิดท่อนกลาง)                | -                | -                | -                       | -                      | -                       | -                      | -                       |
| Loose tube type(ชนิดท่อนกลางเล็ก)              | Multi-loose tube | Multi-loose tube | Multi-loose tube        | 2 FRP                  | 2 FRP                   | 2 FRP                  | -                       |
| Strength member material type(ตัวรองรับแรงดึง) | E-glass yarn     | Central FRP      | Central FRP             | FRP plastic            | FRP plastic             | FRP plastic            | Aramid Yarn             |
| Armor material material(วัสดุป้องกันสาย)       | -                | -                | Corrugate steel tape    | -                      | -                       | -                      | -                       |
| Ripcord type(เชือกพาดสาย)                      | Yarn             | Yarn             | Yarn                    | -                      | -                       | -                      | -                       |
| Messenger wire size(ขนาดสายเคเบิลในตัวสาย)     | -                | -                | 7x1.2mm strand          | -                      | 7x0.4mm(1.2mm)          | 1x1.2mm. Solid         | 7x0.4mm. Solid          |
| Messenger material(วัสดุของสายเคเบิลในตัวสาย)  | -                | -                | Strand Galvalnize steel | -                      | Strand Galvalnize steel | Solid Galvalnize steel | Strand Galvalnize steel |
| Outer Jacket/Sheath(วัสดุเปลือกนอก)            | HDPE             | HDPE             | HDPE                    | LSZH                   | LSZH                    | LSZH                   | LSZH                    |
| Outer color(สีเปลือกนอก)                       | Black            | Black            | Black                   | Black                  | Black                   | Black                  | Black                   |

Mechanical properties

|                                  |            |                   |                   |                   |                 |                 |                 |                 |
|----------------------------------|------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Max. tensile load installation   | N.         | 1800              | 2700              | 7000              | 80              | 600             | 600             | 600             |
| Max. tensile load operation      | N.         | 1000              | 1500              | 4000              | 40              | 300             | 300             | 300             |
| Max span length                  | Meter      | 40-80             | 40-80             | 40-80             | -               | 50              | 50              | 50              |
| Max crush resistance             | N/10cm.    | 2200              | 4400              | 4400              | 1000            | 2200            | 2200            | 2200            |
| Cable diameter approximate       | mm.        | 10.6-11.6 +/--1.0 | 10.5-13.8 +/--1.0 | 10.5-12.0 +/--0.2 | 2.0x3.0 +/--2.0 | 2.0x5.2 +/--2.0 | 2.0x5.2 +/--2.0 | 2.0x5.2 +/--2.0 |
| Overall diameter approximate     | mm.        | -                 | -                 | 19.3-20 +/--0.5   | -               | 6.5 +/--1.0     | 6.5 +/--1.0     | 6.5 +/--1.0     |
| Weight cable approximate         | Kg/Km.     | 80-90 +/--10      | 120-150 +/--10    | 212-261 +/--10    | 8.0 +/--10      | 18 +/--10       | 18 +/--10       | 18 +/--10       |
| Min bending radius, installation | Cable Dia. | 20x               | 20x               | 20x               | 10H             | 10H             | 10H             | 10H             |
| Min bending radius Operation     | Cable Dia. | 10x               | 10x               | 10x               | 20H             | 20H             | 20H             | 20H             |
| Temperature installation         | °C         | -40 to 70° C      | -40 to 70° C      | -40 to 70° C      | -40 to 70° C    | -40 to 70° C    | -40 to 70° C    | -40 to 70° C    |
| Temperature storage              | °C         | -40 to 75° c      | -40 to 75° c      | -40 to 75° c      | -40 to 75° c    | -40 to 75° c    | -40 to 75° c    | -40 to 75° c    |
| Maximum wind velocity            | Km/Hr.     | 126               | 126               | 126               | -               | 126             | 126             | 126             |

Order Part Number (Best Seller)

| Fiber | Part Number | Type   | Part Number    | Type   | Part Number | Type   | Part Number | Type   | Part Number | Type   | Part Number | Type   | Part Number | Type   |
|-------|-------------|--------|----------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|
|       | BC-9724M    | 24C SM | BELL-SMA09U24C | 24C SM | BC-MTA9824  | 24C SM | BC-UFH9301  | 01C SM | FTTH-01SM9  | 01C SM | BC-UFH9511M | 01C SM | BC-UFH9501B | 01C SM |
|       | BC-9748M    | 48C SM | BELL-SMA09U48C | 48C SM | BC-MTA9848  | 48C SM | BC-UFH9302  | 02C SM | FTTH-02SM9  | 02C SM | BC-UFH9512M | 02C SM | BC-UFH9502R | 02C SM |
|       |             |        |                |        |             |        |             |        | FTTH-04SM9  | 04C SM |             |        | BC-UFH9504R | 04C SM |

Optical Performances

| Fiber                          | Singlemode                | Multimode              | Multimode            | Multimode            | Multimode            | Multimode            |
|--------------------------------|---------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|
| Wavelength                     | 1310/1383/1550/1625       | 850 / 1300nm           | 850 / 1300nm         | 850 / 1300nm         | 850 / 1300nm         | 850/953/1300 nm      |
| Fiber Type                     | 9 / 125 um<br>[OS2]       | 62.5 / 125 um<br>[OM3] | 50 / 125 um<br>[OM2] | 50 / 125 um<br>[OM3] | 50 / 125 um<br>[OM4] | 50 / 125 um<br>[OM5] |
| Max.Attenuation[dB/km]         | 0.35 / 0.35 / 0.21 / 0.23 | 3.0 / 0.8              | 2.7 / 0.8            | 2.7 / 0.8            | 2.7 / 0.8            | 2.7 / 2.0 / 0.8      |
| Typ.Attenuation[dB/km]         | 0.33 / 0.31 / 0.19 / 0.20 | 2.7 / 0.6              | 2.5 / 0.7            | 2.3 / 0.6            | 2.3 / 0.6            | 2.3 / 1.8 / 0.6      |
| Bandwidth [MHz/km]             | N / A                     | 200 / 600              | 500 / 500            | 1500 / 500           | 3500 / 500           | 3500 / 1850 / 500    |
| 850nm Laser bandwidth [Mhz/km] | N / A                     | N / A                  | N / A                | 2000                 | 4700                 | 4700                 |
| Numerical Aperture             | 0.13 +/- 0.01             | 0.275 +/- 0.015        | 0.200 +/- 0.015      | 0.200 +/- 0.015      | 0.200 +/- 0.015      | 0.200 +/- 0.015      |

Standard

- ISO/IEC 11801: 2011, ISO/IEC 11801: 2017
- ANSI/TIA/EIA-568.3-D, ANSI/TIA-568-C.3
- Telcordia (Bellcore) GR-20-CORE
- ANSI/ICEA 640, ANSI/ICEA 696, ANSI/ICEA 596
- ITU-T G.651 (Multimode)
- ITU-T G.652D (Single mode)
- TIS2165-2548
- TIS2166-2548

Applications

- Support IEEE802.3 (LAN, Ethernet, Fast Ethernet, Gigabit Ethernet and 10G Ethernet)
- ATM, FDDI, Fiber Channel, CATV, CCTV, FTTX or other





# QUICK

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**NCS** บริษัท ก้าวเข้าสู่ปีที่ 25  
โทร 02-508-0977 (จัดโมดูล 20 คู่สาย)



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### Fiber Optic Cabling System Series.







#### 4 FIBER OPTIC PIGTAIL CABLE








หมายเหตุ





สาย Patch Cord Cable หรือ สาย Pigtail Cable  
ลูกค้าสามารถสั่งผลิตได้ตามความต้องการ  
และบริษัทสามารถส่งสินค้าได้อย่างรวดเร็ว

##### SINGLEMODE (OS2)

| Model   | Connector | Surface | Type | Cable Dia.(mm.) | Length(M.) |
|---|-----------|---------|------|-----------------|------------|
|  <b>PT05</b>        | ST        | UPC     | SM   | 3.0             | 1.5        |
|  <b>PTST09901</b>   | ST        | UPC     | SM   | 0.9             | 1.0        |
|  <b>PT14</b>       | SC        | UPC     | SM   | 3.0             | 1.5        |
|  <b>PTSC09901</b> | SC        | UPC     | SM   | 0.9             | 1.0        |
|  <b>PT23</b>      | FC        | UPC     | SM   | 3.0             | 1.5        |
|  <b>PTFC09901</b> | FC        | UPC     | SM   | 0.9             | 1.0        |

| Model   | Connector | Surface | Type | Cable Dia.(mm.) | Length(M.) |
|---|-----------|---------|------|-----------------|------------|
|  <b>PT30</b>           | LC        | UPC     | SM   | 3.0             | 1.5        |
|  <b>PTLC09901</b>      | LC        | UPC     | SM   | 0.9             | 1.0        |
|  <b>PTSC09901APC</b>  | SC        | APC     | SM   | 0.9             | 1.0        |
|  <b>PTFC09901APC</b> | FC        | APC     | SM   | 0.9             | 1.0        |
|  <b>PTLC09901APC</b> | LC        | APC     | SM   | 0.9             | 1.0        |







##### MULTIMODE (OM2,OM3)

| Model   | Connector | Surface | Type | Cable Dia.(mm.) | Length(M.) |
|---|-----------|---------|------|-----------------|------------|
|  <b>PT08</b>      | ST        | UPC     | OM2  | 3.0             | 1.5        |
|  <b>PTST50901</b> | ST        | UPC     | OM2  | 0.9             | 1.0        |
|  <b>PT17</b>      | SC        | UPC     | OM2  | 3.0             | 1.5        |
|  <b>PTSC50901</b> | SC        | UPC     | OM2  | 0.9             | 1.0        |







| Model  | Connector | Surface | Type | Cable Dia.(mm.) | Length(M.) |
|--|-----------|---------|------|-----------------|------------|
|  <b>PT31</b>        | LC        | UPC     | OM2  | 3.0             | 1.5        |
|  <b>PTSC50XG901</b> | SC        | UPC     | OM3  | 0.9             | 1.0        |
|  <b>PTLC50XG901</b> | LC        | UPC     | OM3  | 0.9             | 1.0        |
















## SINGLEMODE (0S2)

| Model   | Connector | Surface | Type | Cable Dia.(mm.) | Length(M.) |
|---|-----------|---------|------|-----------------|------------|
|  P122           | ST-ST     | UPC     | SM   | 3.0             | 3.0        |
|  P130           | ST-SC     | UPC     | SM   | 3.0             | 3.0        |
|  P126           | SC-SC     | UPC     | SM   | 3.0             | 3.0        |
|  P126APC        | SC-SC     | APC     | SM   | 3.0             | 3.0        |
|  SCSC09SM150CM | SC-SC     | UPC     | SM   | 3.0             | 1.5        |
|  P138         | SC-FC     | UPC     | SM   | 3.0             | 3.0        |

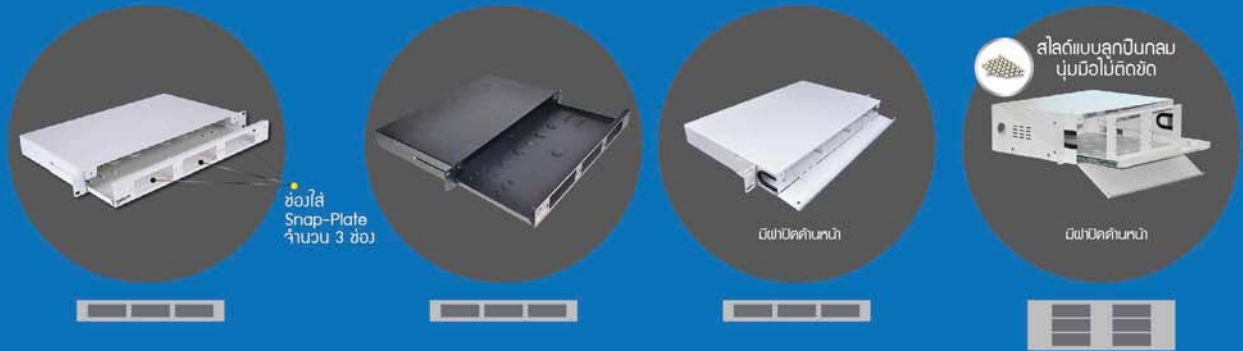
## MULTIMODE (0M2,0M3,0M4)

| Model   | Connector | Surface | Type | Cable Dia.(mm.) | Length(M.) |
|---|-----------|---------|------|-----------------|------------|
|  P062 | ST-ST     | UPC     | 0M2  | 3.0             | 3.0        |
|  P070 | ST-SC     | UPC     | 0M2  | 3.0             | 3.0        |
|  P066 | SC-SC     | UPC     | 0M2  | 3.0             | 3.0        |
|  P086 | LC-ST     | UPC     | 0M2  | 3.0             | 3.0        |
|  P090 | LC-SC     | UPC     | 0M2  | 3.0             | 3.0        |
|  P094 | LC-LC     | UPC     | 0M2  | 3.0             | 3.0        |

| Model   | Connector | Surface | Type | Cable Dia.(mm.) | Length(M.) |
|---|-----------|---------|------|-----------------|------------|
|  P146          | LC-ST     | UPC     | SM   | 3.0             | 3.0        |
|  LCSC09SM150CM | LC-SC     | UPC     | SM   | 3.0             | 1.5        |
|  PT150         | LC-SC     | UPC     | SM   | 3.0             | 3.0        |
|  LCSC09SM15    | LC-SC     | UPC     | SM   | 3.0             | 15.0       |
|  P178         | LC-FC     | UPC     | SM   | 3.0             | 3.0        |
|  P154        | LC-LC     | UPC     | SM   | 3.0             | 3.0        |
|  P142        | FC-FC     | UPC     | SM   | 3.0             | 3.0        |

| Model   | Connector | Surface | Type | Cable Dia.(mm.) | Length(M.) |
|---|-----------|---------|------|-----------------|------------|
|  P066XG  | SC-SC     | UPC     | 0M3  | 3.0             | 3.0        |
|  P090XG  | LC-SC     | UPC     | 0M3  | 3.0             | 3.0        |
|  P094XG  | LC-LC     | UPC     | 0M3  | 3.0             | 3.0        |
|  P0660M4 | SC-SC     | UPC     | 0M4  | 3.0             | 3.0        |
|  P0900M4 | LC-SC     | UPC     | 0M4  | 3.0             | 3.0        |
|  P0940M4 | LC-LC     | UPC     | 0M4  | 3.0             | 3.0        |

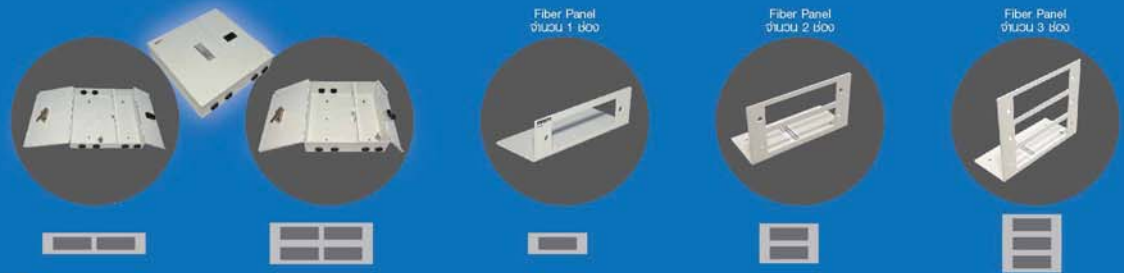
## 6 FDU(FIBER DISTRIBUTION UNIT)



### FIBER RACK MOUNT ENCLOSURE

| Feature                                  | Descriptions      |                   |                   |                           |
|--|-------------------|-------------------|-------------------|---------------------------|
| Model (ชื่อรุ่น)                         | RMS636            | RMS636B           | RMS636CF          | RMS72                     |
| Fiber port(จำนวนพอร์ต)                   | 1-36 ports(ST/FC) | 1-36 ports(ST/FC) | 1-36 ports(ST/FC) | 1-72 ports(ST/FC)         |
| Fiber port(จำนวนพอร์ต)                   | 1-48 ports(SC/LC) | 1-48 ports(SC/LC) | 1-48 ports(SC/LC) | 1-96 ports(SC/LC)         |
| Snap-Plate slot(จำนวนช่องใส่ Snap-Plate) | 3 slot            | 3 slot            | 3 slot            | 6 slot                    |
| Color(สี)                                | White             | Black             | White             | White                     |
| Type(ชนิด)                               | 19" Rack          | 19" Rack          | 19" Rack          | 19" Rack                  |
| High(สูง), Dimension(WxHxD) mm.          | 1U, 430x45x260    | 1U, 430x45x260    | 1U, 430x45x260    | 3U, 430x135x320           |
| Function(การใช้งาน)                      | Slide             | Slide             | Slide             | Slide (สไลด์แบบลูกปืนกลม) |

### WALL MOUNT ENCLOSURE FIBER PANEL



| Feature                                  | Descriptions      |                   |                   |                   |                   |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| Model (ชื่อรุ่น)                         | WM624             | WM648             | WM-003            | WM-004            | WM-005            |
| Fiber port(จำนวนพอร์ต)                   | 1-24 ports(ST/FC) | 1-48 ports(ST/FC) | 1-12 ports(ST/FC) | 1-24 ports(ST/FC) | 1-36 ports(ST/FC) |
| Fiber port(จำนวนพอร์ต)                   | 1-32 ports(SC/LC) | 1-64 ports(SC/LC) | 1-16 ports(SC/LC) | 1-32 ports(SC/LC) | 1-48 ports(SC/LC) |
| Snap-Plate slot(จำนวนช่องใส่ Snap-Plate) | 2 slot            | 4 slot            | 1 slot            | 2 slot            | 3 slot            |
| Color(สี)                                | White             | White             | White             | White             | White             |
| Key(กุญแจ)                               | POP-UP            | POP-UP            | -                 | -                 | -                 |
| High(สูง), Dimension(WxHxD) mm.          | 300x300x50        | 300x300x85        | 140x45x60         | 140x80x60         | 140x115x60        |
| Type(ชนิด)                               | Wall type         | Wall type         | Wall type         | Wall type         | Wall type         |

## 7 SNAP PLATE

### Multimode/UPC

| Part No. | Connector | Surface | Type | Total |
|----------|-----------|---------|------|-------|
| ADP-6ST  | ST-ST     | UPC     | MM   | 6     |
| ADP-12ST | ST-ST     | UPC     | MM   | 12    |
| ADP-6SC  | SC-SC     | UPC     | MM   | 6     |
| ADP-12SC | SC-SC     | UPC     | MM   | 12    |
| ADP-6LC  | LC-LC     | UPC     | MM   | 6     |
| ADP-12LC | LC-LC     | UPC     | MM   | 12    |
| ADP-6FC  | FC-FC     | UPC     | MM   | 6     |
| ADP-12FC | FC-FC     | UPC     | MM   | 12    |
| ADP-16SC | SC-SC     | UPC     | MM   | 16    |
| ADP-16LC | LC-LC     | UPC     | MM   | 16    |

### Singlemode/UPC

| Part No. | Connector | Surface | Type | Total |
|----------|-----------|---------|------|-------|
| ADP-6ST  | ST-ST     | UPC     | SM   | 6     |
| ADP-12ST | ST-ST     | UPC     | SM   | 12    |
| ADP-6SC  | SC-SC     | UPC     | SM   | 6     |
| ADP-12SC | SC-SC     | UPC     | SM   | 12    |
| ADP-6LC  | LC-LC     | UPC     | SM   | 6     |
| ADP-12LC | LC-LC     | UPC     | SM   | 12    |
| ADP-6FC  | FC-FC     | UPC     | SM   | 6     |
| ADP-12FC | FC-FC     | UPC     | SM   | 12    |
| ADP-16SC | SC-SC     | UPC     | SM   | 16    |
| ADP-16LC | LC-LC     | UPC     | SM   | 16    |

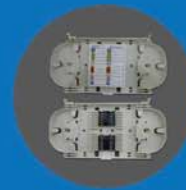
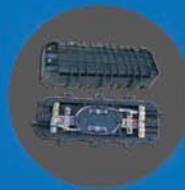
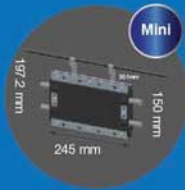
### Singlemode/APC

| Part No. | Connector   | Surface | Type | Total |
|----------|-------------|---------|------|-------|
| ADP-6SC  | SC-SC       | APC     | SM   | 6     |
| ADP-12SC | SC-SC       | APC     | SM   | 12    |
| ADP-6FC  | FC-FC       | APC     | SM   | 6     |
| ADP-12FC | FC-FC       | APC     | SM   | 12    |
| ADP-16SC | SC-SC       | APC     | SM   | 16    |
| ADP-16LC | LC-LC       | APC     | SM   | 16    |
| BLANK    | Blank panel |         |      |       |

มี Snap-Plate สองสี  
คือสีขาวและสีดำ ให้เลือก



8 **SPLICE TRAY & Closure**



**Feature**

|                                 | Descriptions          | CLO02              | CLO01           | CLO03           | SP01          | SP01-24CL                 |
|---------------------------------|-----------------------|--------------------|-----------------|-----------------|---------------|---------------------------|
| Model (ชื่อรุ่น)                |                       | CLO02              | CLO01           | CLO03           | SP01          | SP01-24CL                 |
| Name(ชื่อ)                      | Fiber Enclosure       | Fiber Enclosure    | Fiber Enclosure | Fiber Enclosure | Splice Tray   | Splice Tray(ใช้กับ CLO01) |
| Fiber Support (จำนวนสายใยแก้ว)  | 1-24 cores            | 1-96 cores         | 1-144 cores     | 1-24 Cores      | 1-24 Cores    | 1-24 cores                |
| Splice tray Support (จำนวนชิ้น) | 24cores x 1pcs        | 24cores x 4pcs     | 24cores x 6pcs  | 24cores x 1pcs  | 24core x 1pcs | 24core x 1pcs             |
| Color(สี)                       | Black                 | Black              | Black           | Black           | Black         | Black                     |
| Dimension(WxHxL) CM.            | 3.01W x 15.0H x 24.5L | 11.5W x 9.5H x 45L | 22W x 16H x 45L | 10.5W x 18L     | 10.5W x 18L   | 9.2W x 15.8L              |
| Type(ชนิด)                      | Hang                  | Hang               | Hang            | Plastic         | Plastic       | Plastic                   |



**Feature**

|                                 | Descriptions   | BC-3061A       | BC-3062A       | SP02                         |
|---------------------------------|----------------|----------------|----------------|------------------------------|
| Model (ชื่อรุ่น)                |                | BC-3061A       | BC-3062A       | SP02                         |
| Name(ชื่อ)                      | Splice Tray    | Splice Tray    | Splice Tray    | Sleeve Protector             |
| Fiber Support (จำนวนสายใยแก้ว)  | 1-12 cores     | 1-12 cores     | 1-24 cores     | 1 cores                      |
| Splice tray Support (จำนวนชิ้น) | 12cores x 1pcs | 12cores x 1pcs | 24cores x 1pcs | -                            |
| Color(สี)                       | White          | White          | White          | Transparent                  |
| Dimension(WxHxL) CM.            | 10W x 2H       | 9.6W x 23.4L   | 9.6W x 23.4L   | 6.0(60mm)L                   |
| Type(ชนิด)                      | Plastic        | Plastic        | Plastic        | Stainless steel, Shrink tube |

**เครื่องมืองานสายใยแก้วนำแสง**

**BC-336FM+F1-3227**  
คีมจับหัวคอนเนคเตอร์ใยแก้วชนิด ST, SC, LC

**CFS-2**  
คีมปลอกสาย FTTH 125/250um

**CFS-3**  
คีมปลอก (USA) 125/250um

**FC-6S**  
เครื่องตัดใยแก้ว

**CS-30-DE**  
ปากกาตัดใยแก้ว

**FMC-400x**  
ขยาย 400 เท่า กล้อง

**F1-977220**  
เตาอบหัวใยแก้ว

**353ND**  
กาวยกเข้าหัวใยแก้ว

**USA-01**  
แผ่นพันหัว ST/SC/FC

**ELT-01**  
Electrode FSM 60S 70S 62S

**F0BT900**  
ท่อ Buffer 900um

**KM34155**  
กระดาษทำความสะอาดใยแก้ว

**F1-0109-03**  
กระดาษทรายขัดหัว 0.3um

**F1-0109-1**  
กระดาษทรายขัดหัว 1 um

**F1-0109-3**  
กระดาษทรายขัดหัว 3 um

**F1-0109-5**  
กระดาษทรายขัดหัว 5 um

**งานเชื่อมต่อ และ ทดสอบสายใยแก้วนำแสง และ สายแลน**

**TERMI-ST**  
Terminate ST connector Singlemode and Multimode (รุ่นที่เปลี่ยนสายใยแก้วนำแสง)

**TERMI-SC**  
Terminate SC connector Singlemode and Multimode (รุ่นที่เปลี่ยนสายใยแก้วนำแสง)

**TERMI-FC**  
Terminate FC connector Singlemode and Multimode (รุ่นที่เปลี่ยนสายใยแก้วนำแสง)

**TERMI-LC**  
Terminate LC connector Singlemode and Multimode (รุ่นที่เปลี่ยนสายใยแก้วนำแสง)

**OTDR1300NM**  
OTDR Testing 1300nm with report (รุ่นทดสอบสายใยแก้วนำแสง)

**OTDR1550NM**  
OTDR Testing 1550nm with report (รุ่นทดสอบสายใยแก้วนำแสง)

**FUSION**  
Fiber Fusion Singlemode and Multimode (รุ่นเชื่อมสายใยแก้วนำแสง)

**TESTUTPCAT5E/S**  
Fluke Testing UTP cable CAT5E with report (รุ่นทดสอบสายใยแก้วนำแสง)

**TESTUTPCAT6/S**  
Fluke Testing UTP cable CAT6 with report (รุ่นทดสอบสายใยแก้วนำแสง)

**TESTUTPCAT6A/S**  
Fluke Testing UTP cable CAT6A with report (รุ่นทดสอบสายใยแก้วนำแสง)