Verizon FTTP MDU and MTU Products and Solutions
An Evolant® Solutions Product

Stubbed Indoor/Outdoor OptiSheath® MDU/MTU Terminal (FDT) with SC APC Connectors

- Dimensions: 16.29 x 14.59 x 6.00 in (H x W x D)
- 6, 12, 24 and 48 ports in a single, NID-like footprint
- Ribbon distribution cable prestubbed at factory
- Built-in mounting provisions for interior and exterior surfaces, including uneven siding
- Drop cables spliced to SC APC cable assembly pigtails in field, as needed
- Convenient technician access to tiered subscriber ports
- 100 percent parking lot for unused drop connectors
- Tamper proof with hinged cover that can be padlocked
- Can be field configured for Plug & Play™ Systems with connectorized ClearCurve® drop cables
- Accepts 2.0, 2.9 and 4.8 mm drop cables

Ordering Information

6-Port MDU Terminal with SC APC Connectors

<table>
<thead>
<tr>
<th>Corning Cable Systems</th>
<th>Part Number</th>
<th>6-Port</th>
<th>SSI/Item ID</th>
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<tbody>
<tr>
<td></td>
<td>MDU0631066C-C4CG2P</td>
<td>100 ft</td>
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<td></td>
<td>MDU0692066C-C4CG2P</td>
<td>300 ft</td>
<td>6</td>
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<td></td>
<td>MDU06F3066C-C4CG2P</td>
<td>500 ft</td>
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</tr>
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<td></td>
<td>MDU06W5066C-C4CG2P</td>
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12-Port MDU Terminal with SC APC Connectors

<table>
<thead>
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<th>Corning Cable Systems</th>
<th>Part Number</th>
<th>Drop Ports</th>
<th>SSI/Item ID</th>
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<td></td>
<td>MDU1231126C-C4CG2P</td>
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<td></td>
<td>MDU1292126C-C4CG2P</td>
<td>300 ft</td>
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<td></td>
<td>MDU12F3126C-C4CG2P</td>
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<td>MDU12W5126C-C4CG2P</td>
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24-Port MDU Terminal with SC APC Connectors

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<th>Drop Ports</th>
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<td>MDU2492246C-C4CG2P</td>
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<td></td>
<td>MDU24F3246C-C4CG2P</td>
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<td></td>
<td>MDU24W5246C-C4CG2P</td>
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48-Port MDU Terminal with SC APC Connectors

<table>
<thead>
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<th>Corning Cable Systems</th>
<th>Part Number</th>
<th>Drop Ports</th>
<th>SSI/Item ID</th>
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<tr>
<td></td>
<td>MDU4831486C-C4CG2P</td>
<td>100 ft</td>
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<td>MDU4892486C-C4CG2P</td>
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<td></td>
<td>MDU48F3486C-C4CG2P</td>
<td>500 ft</td>
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</tr>
<tr>
<td></td>
<td>MDU48W5486C-C4CG2P</td>
<td>1000 ft</td>
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</tr>
</tbody>
</table>
**Stubless Indoor/Outdoor OptiSheath**® **MDU/MTU Terminal (FDT)**

with SC APC Connectors

- Dimensions: 16.29 x 14.59 x 6.00 in (H x W x D)
- 6, 12, 24 and 48 ports in a single, NID-like footprint
- No F2 cable stub allows for Verizon to select incoming F2 cable depending on application
- Built-in mounting provisions for interior and exterior surfaces, including uneven siding
- Drop cables spliced to SC APC cable assembly pigtails in field, as needed
- Convenient technician access to tiered subscriber ports
- 100 percent parking lot for unused drop connectors
- Tamper proof with hinged cover that can be padlocked
- Can be field configured for Plug & Play™ Systems with connectorized ClearCurve® drop cables
- Accepts 2.0, 2.9 and 4.8 mm drop cables
- Comes with splice trays

**Ordering Information**

**Stubless MDU Terminal with SC APC Connectors**

<table>
<thead>
<tr>
<th>Corning Cable Systems</th>
<th>Part Number</th>
<th>Length</th>
<th>SSI/Item ID</th>
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<tbody>
<tr>
<td>MDU0000066C-AACG2P</td>
<td>Stubless</td>
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<td>11057193</td>
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<tr>
<td>MDU0000126C-AACG2P</td>
<td>Stubless</td>
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<td>11057192</td>
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<tr>
<td>MDU0000246C-AACG2P</td>
<td>Stubless</td>
<td></td>
<td>11057191</td>
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<td>MDU0000486C-AACG2P</td>
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</tr>
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**Raw Cable Stubs for Stubless MDU/MTU Terminals**

**Ribbon Riser Cable**

- All-dielectric central tube cables designed for indoor use
- Facilitates routing through riser shafts and long horizontal runs inside buildings
- Cables are tested using the UL 1666 flame test
- Meets the application requirements of the National Electrical Code® (NEC®) and are OFNR and FT-4 listed

**Ordering Information**

**Ribbon Riser Cables**

<table>
<thead>
<tr>
<th>Corning Cable Systems</th>
<th>Fiber Count</th>
<th>SSI/Item ID</th>
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</thead>
<tbody>
<tr>
<td>012EC7-14101-30</td>
<td>12</td>
<td>700242737 / 923198</td>
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<tr>
<td>024EC7-14101-30</td>
<td>24</td>
<td>700242738 / 923199</td>
</tr>
<tr>
<td>048EC7-14101-30</td>
<td>48</td>
<td>700242739</td>
</tr>
</tbody>
</table>
Ribbon Plenum Cable
- All-dielectric central tube cables designed for indoor use
- Facilitates routing through air-handling or riser shafts inside buildings
- Tested using the NFPA 262 flame test
- Meets the application requirements of the National Electrical Code® (NEC®) and are OFNP and FT-4 listed

Ordering Information

<table>
<thead>
<tr>
<th>Ribbon Plenum Cable</th>
<th>Corning Cable Systems</th>
<th>Fiber Count</th>
<th>SSI/Item ID</th>
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</thead>
<tbody>
<tr>
<td>012EC8-14101-30</td>
<td>12</td>
<td>700253144 / 923191</td>
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<tr>
<td>024EC8-14101-30</td>
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<td>048EC8-14101-30</td>
<td>48</td>
<td>700253146 / 923193</td>
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FREEDM® Ribbon Riser Indoor/Outdoor Cable
- A specially formulated UV-resistant, flame-retardant jacket allows for placing the cable outdoors or indoors, general purpose horizontal and riser applications
- Dielectric strength members provide tensile strength, and waterblocking tape reduces prep time and cable weight

Ordering Information

<table>
<thead>
<tr>
<th>FREEDM Ribbon Riser Indoor/Outdoor Cable</th>
<th>Corning Cable Systems</th>
<th>Fiber Count</th>
<th>SSI/Item ID</th>
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<tr>
<td>012ECF-14101-31</td>
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<td>700247240 / 87269371</td>
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<td>048ECF-14101-31</td>
<td>48</td>
<td>700247241 / 923186</td>
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FREEDM Loose Tube Indoor/Outdoor Cable
- Designed to withstand wide temperature ranges in a variety of installation methods
- A specially formulated UV-resistant and flame-retardant jacket allows for indoor general-purpose horizontal and riser applications
- Indoor and outdoor applications

Ordering Information

<table>
<thead>
<tr>
<th>FREEDM Loose Tube Indoor/Outdoor Cable</th>
<th>Corning Cable Systems</th>
<th>Fiber Count</th>
<th>SSI/Item ID</th>
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<tbody>
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<td>012EWF-T4101A31</td>
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<td>024EWF-T4101A31</td>
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<td>700247236 / 546883</td>
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<td>048EWF-T4101A31</td>
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<td>700247237 / 546884</td>
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</table>
Plug & Play™ Systems MDU/MTU Terminal

- Dimensions: 16.29 x 14.59 x 6.00 in (H x W x D)
- Plug & Play™ Systems F2 fiber stubs with multi-fiber OptiTip® Connector
- Comes in split version on Plug & Play Systems version drop cables
- 12 and 24 ports in a single, NID-like footprint
- Built-in mounting provisions for interior and exterior surfaces, including uneven siding
- Convenient technician access to tiered subscriber ports
- 100 percent parking lot for unused drop connectors
- Tamper proof with hinged cover that can be padlocked
- Accepts 2.0, 2.9 and 4.8 mm drop cables

Ordering Information

OptiTip-Enabled MDU Terminals with OptiTip Adapter with Drop Splicing

<table>
<thead>
<tr>
<th>Corning Cable Systems #</th>
<th>Drop Ports</th>
<th>SSI/Item ID</th>
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<tbody>
<tr>
<td>MDU0000126C-00M22P</td>
<td>12</td>
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OptiTip-Enabled MDU Terminals with OptiTip Adapter with Plug & Play Systems Drop Connectorization

<table>
<thead>
<tr>
<th>Corning Cable Systems #</th>
<th>Drop Ports</th>
<th>SSI/Item ID</th>
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</thead>
<tbody>
<tr>
<td>MDU0000126C-00M22Q</td>
<td>12</td>
<td>11072527</td>
</tr>
<tr>
<td>MDU0000246C-00M22Q</td>
<td>24</td>
<td>11072528</td>
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OptiTip Cable Assemblies - 12-Fiber Single-mode OSP OptiTip Pigtail (non-pinned)

<table>
<thead>
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<th>Corning Cable Systems #</th>
<th>Stub Length</th>
<th>SSI/Item ID</th>
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<tbody>
<tr>
<td>00M112EB4D1E100F</td>
<td>100 ft</td>
<td>11072515</td>
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<tr>
<td>00M112EB4D1E150F</td>
<td>150 ft</td>
<td>11072516</td>
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<tr>
<td>00M112EB4D1E250F</td>
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<td>11072518</td>
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<tr>
<td>00M112EB4D1E500F</td>
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OptiSheath® MDU / MTU Splitter Terminal (FDHT)

- Dimensions: 16.29 x 14.59 x 6.00 in (H x W x D); Weight: 6.5 lbs
- Mini 32-port FDH
- Small size reduces installation cost, time and footprint required for installation
- Indoor and outdoor rated
- Prestubbed with a 4-fiber FREEDM® (Indoor/Outdoor Riser-Rated) Cable
- Factory-terminated stub lengths of 100, 300, 500 and 1000 ft
- Splitters are factory-installed - no field installation needed
- Accommodates all sizes of drop including ClearCurve® 4.8 mm rugged drops
- Utilizes Gen III Series splitter modules currently approved and in use in Gen III hubs
- Accepts 1x32, Dual 1x16, Slim 1x8 and Slim 1x4 splitter modules
- Internal SC APC connectors
- Flame-retardant and impact-resistant engineering-grade thermoplastic housing
- Built-in mounting provisions for interior and exterior surfaces, including uneven siding

Ordering Information

<table>
<thead>
<tr>
<th>Corning Cable Systems</th>
<th>Stub Length</th>
<th>Description</th>
<th>Drop Ports</th>
<th>SSI/Item ID</th>
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</thead>
<tbody>
<tr>
<td>MDU0431326C-WF00A1</td>
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<td>F1 Adapter Connection, 1x32 splitter</td>
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<td>11066833</td>
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<td>F1 Adapter Connection, 1x32 splitter</td>
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<td>MDU0431326C-WF00D1</td>
<td>100 ft</td>
<td>F1 Adapter Connection, Dual 1x16 splitter</td>
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<td>11066827</td>
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<td>MDU0492326C-WF00D1</td>
<td>300 ft</td>
<td>F1 Adapter Connection, Dual 1x16 splitter</td>
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<td>MDU04F3326C-WF00D1</td>
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<td>F1 Adapter Connection, Dual 1x16 splitter</td>
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<td>F1 Adapter Connection, Dual 1x16 splitter</td>
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**Indoor Fiber Distribution Terminal (IFDT)**

- Indoor design in 6, 12, 24 ports
- Works with all drop types, placed incrementally or all at once
- Separate mounting plate
- Standard housing is designed for preconnectorized drops; optional kit allows for splicing in drops
- Accepts 1.6, 2.9 and 4.8 mm drop cables
- Drop cable entry grommets serve as strain-relief
- Standard housing is stubbed and available in 50, 100, 300 and 500 ft lengths
- Optional skirt adds cable protection and stores up to 12-in of each drop
- Prestubbed with Ribbon Riser cable

**Ordering Information**

### 6-Port IFDT with SC APC Connectors

<table>
<thead>
<tr>
<th>Corning Cable Systems Part Number</th>
<th>Stub Length</th>
<th>Drop Ports</th>
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<td>FDT0616066CAC700BZ</td>
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<td>6</td>
<td>11102486</td>
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<tr>
<td>FDT0631066CAC700BZ</td>
<td>100 ft</td>
<td>6</td>
<td>11102485</td>
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<tr>
<td>FDT0692066CAC700BZ</td>
<td>300 ft</td>
<td>6</td>
<td>11102484</td>
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<tr>
<td>FDT06F3066CAC700BZ</td>
<td>500 ft</td>
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<td>11102483</td>
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### 12-Port IFDT with SC APC Connectors

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<th>Drop Ports</th>
<th>SSI/Item ID</th>
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</thead>
<tbody>
<tr>
<td>FDT1216126CAC700BZ</td>
<td>50 ft</td>
<td>12</td>
<td>11102482</td>
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<tr>
<td>FDT1231126CAC700BZ</td>
<td>100 ft</td>
<td>12</td>
<td>11102481</td>
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<tr>
<td>FDT1292126CAC700BZ</td>
<td>300 ft</td>
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<tr>
<td>FDT12F3126CAC700BZ</td>
<td>500 ft</td>
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<td>11102479</td>
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### 24-Port IFDT with SC APC Connectors

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<th>Corning Cable Systems Part Number</th>
<th>Stub Length</th>
<th>Drop Ports</th>
<th>SSI/Item ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDT2416246CAC700BZ</td>
<td>50 ft</td>
<td>24</td>
<td>11102478</td>
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<tr>
<td>FDT2431246CAC700BZ</td>
<td>100 ft</td>
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<td>11102477</td>
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<tr>
<td>FDT2492246CAC700BZ</td>
<td>300 ft</td>
<td>24</td>
<td>11102476</td>
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<tr>
<td>FDT24F3246CAC700BZ</td>
<td>500 ft</td>
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<td>11102475</td>
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**Corning Cable Systems IFDT Accessories**

<table>
<thead>
<tr>
<th>Corning Cable Systems Part Number</th>
<th>DESCRIPTION</th>
<th>Use with</th>
<th>SSI/Item ID</th>
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<tbody>
<tr>
<td>FDT-SKIRT-KIT</td>
<td>IFDT Skirt Kit</td>
<td>Any FDT</td>
<td>11102474</td>
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<tr>
<td>FDT-SPLICE-6-Kit</td>
<td>IFDT 6-ft drop splicing kit</td>
<td>6-Port FDT</td>
<td>11102473</td>
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<tr>
<td>FDT-SPLICE-12-Kit</td>
<td>IFDT 12-ft drop splicing kit</td>
<td>12-Port FDT</td>
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<tr>
<td>FDT-SPLICE-24-Kit</td>
<td>IFDT 24-ft drop splicing kit</td>
<td>24-Port FDT</td>
<td>11102471</td>
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<tr>
<td>FDT-GROMMETA-KIT</td>
<td>Kit of 100 drop cable entry grommets for use with 4.8 mm drop cable</td>
<td>4.8 mm drops</td>
<td>11102470</td>
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<tr>
<td>FDT-GROMMETB-KIT</td>
<td>Kit of 100 drop cable entry grommets for use with 2.9 mm drop cable</td>
<td>2.9 mm drops</td>
<td>11102469</td>
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<tr>
<td>FDT-GROMMETC-KIT</td>
<td>Kit of 100 drop cable entry grommets for use with 1.6 mm drop cable</td>
<td>1.6 mm drops</td>
<td>11102468</td>
</tr>
<tr>
<td>FDT-STORAGE-KIT</td>
<td>Stand-alone empty Splice Housing for use as additional slack storage of drops</td>
<td>Any FDT</td>
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Drop Cable Installation Kits and Practices

Braided Mesh Kits
Pulling Connectorized Ends of ClearCurve® MDU/MTU Drop Cables

- Enables the pulling of connector ends of drop cables for Plug & Play™ Systems at FDTs
- Lowers installation cost of drop placement as it eliminates splicing at FDT
- Once placed, connectors are simply plugged into FDT
- Braided mesh comes in 24-in sections and are reusable helping to keep consumable costs at a minimum
- Minimal training for craft technicians
- Can be used with ClearCurve® 2.9 mm Compact Drop and 4.8 mm Ruggedized Drop cables
- Pulling of connector ends rated at 50 lbs maximum
- 2.9 mm compact drop cables can be daisy-chained so that up to three connectorized drops can be placed at once
- Can be placed in non-movable interior molding systems or in exterior subducts
- Clean procedure for outdoor subduct placements
- Each kit comes with 20 pieces of 24-in flame-retardant mesh roll of electrical tape and installation instruction guide

Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>SSI/Item ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>TKT-CCPG</td>
<td>Braided Mesh Kit for pulling connector ends of drop cables</td>
<td>11067809</td>
</tr>
</tbody>
</table>

Braided Mesh with two, 2.9 mm ClearCurve Compact Drops daisy-chained

Procedure for placing mesh over connector in Installation Procedure Guide
Pulling Kit for Raw-Ended Drop Cables

- Low-cost drop cable installation kit design to pull raw-ended drop cables
- Pulling tension to 50 lbs
- Simple process of placing string through crimp collar and crimping onto jacketed drop cable
- Will work on both 2.0 and 2.9 mm drop cables
- Allows for the pulling of individual drop cables through microduct

Ordering Information

<table>
<thead>
<tr>
<th>Corning Cable Systems</th>
<th>Description</th>
<th>SSI/Item ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>TKT-DROPKT</td>
<td>Pulling Kit for raw-ended drop cables</td>
<td>87258762</td>
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</tbody>
</table>

MDU/MTU MDU Terminal Installation Kit for 4.8 mm Ruggedized ClearCurve® Drops

- Installation kit and procedure for installing 4.8 mm ruggedized ClearCurve drops inside of the Corning Cable Systems OptiSheath® MDU/MTU Terminal
- Allows for removal of 4.8 jacket inside of terminal which increases fiber routing and slack storage capabilities
- Maximum of 18, 4.8 ruggedized drops per entry port for a total of 36 drops
- Dummy filler rods are included for sealing the entry holes when only a few drops are routed to the terminal
- Braided tubing and plastic rods are provided to route and protect fiber when following the procedure

Ordering Information

<table>
<thead>
<tr>
<th>Corning Cable Systems</th>
<th>Description</th>
<th>SSI/Item ID</th>
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<tbody>
<tr>
<td>MDU-CC-BT-KIT</td>
<td>4.8 mm Drop Installation Kit</td>
<td>11072529</td>
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