Plug & Play™ AnyLAN™ Systems
A LANscape® Solutions Product

Description
Corning Cable Systems Plug & Play™ AnyLAN™ Systems is a preterminated local area network cabling solution that can be installed up to 50 percent faster per splice or termination point than traditional field installations.

Plug & Play AnyLAN Systems incorporates standard optical fiber cables with pre-installed tether attachment points (TAPs) at customer-specified locations along the length of the cable.

Plug & Play AnyLAN Systems has the flexibility to be configured in various network topologies for both indoor and outdoor environments.

The outside plant components may be quickly installed in either buried (direct buried, 1.25-in and 2-in duct) or aerial (overlash and self-supporting) applications, while the inside plant (riser) version may be easily installed within a 2-in duct.

Plug & Play AnyLAN Systems is factory tested and shipped as a complete solution that offers a faster, more reliable installation with lower labor costs and less cost overrun.

Features / Benefits
• Factory-terminated and -tested distribution trunk cables, tethers and harnesses enable quick, reliable installation
• Each factory-installed and -tested TAP allows up to two tethers per location (24 fibers) with an engineered number of TAPs per distribution cable
• Harnesses are terminated with the OptiTip™ MT Connector on one end and up to 12 single-fiber connectors (SC, LC, or ST® Compatible), or the Zeux™ Panel on the other end; all options provide quick, easy connectivity to your hardware
• Patented, small-diameter factory splice closure is flexible and preterminated
• Complimentary engineering services available to plan, design and order the system
Designing Plug & Play™ AnyLAN™ Systems
A Plug & Play AnyLAN Systems consist of five major components (see illustration below):

1. Distribution trunk cable
2. Tether attachment point (TAP), which includes a Plug & Play AnyLAN Systems closure (access splice)
3. Tether assembly with pinned OptiTip™ MT Connector
4. Point-to-point trunk with pinned OptiTip MT Connector and a non-pinned OptiTip MT Connector
5. Harness, terminated on one end with a non-pinned OptiTip MT Connector and terminated on the other end, with one of the following: SC, LC, ST® Compatible, MTP® Connectors or Zeux™ Panel

Note: when used with point-to-point trunks, both a non-pinned OptiTip MT Connector harness and a pinned OptiTip MT Connector harness are required.
Specifications

**Plug & Play™ AnyLAN™ Systems TAP, Tether and Harness (Outside Application)**

<table>
<thead>
<tr>
<th>Temperatures</th>
<th>Storage: -40˚C to +70˚C (-40˚ to +158˚F)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Installation: -30˚C to +70˚C (-22˚ to +158˚F)</td>
</tr>
<tr>
<td></td>
<td>Operation: -40˚C to +70˚C (-40˚ to +158˚F)</td>
</tr>
</tbody>
</table>

**Design and Test Criteria**

GR-3122, GR-771, GR-3152

**Plug & Play AnyLAN Systems TAP, Tether and Harness (Inside Application)**

<table>
<thead>
<tr>
<th>Temperatures</th>
<th>Storage: -40˚C to +70˚C (-40˚ to +158˚F)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Installation: -10˚C to +60˚C (+14˚ to +140˚F)</td>
</tr>
<tr>
<td></td>
<td>Operation: -40˚C to +70˚C (-40˚ to +158˚F)</td>
</tr>
</tbody>
</table>

**Design and Test Criteria***

GR-3122, GR-771, GR-3152

*Note: Complies with the applicable test for inside application.

**Plug & Play AnyLAN Systems TAP Diameter (mm/in)**

<table>
<thead>
<tr>
<th>Fiber Count</th>
<th>ALTOS® Cable TAP</th>
<th>Duct Size (in)</th>
<th>Armored Cable TAP</th>
<th>Duct Size (in)</th>
<th>FREEDM® Cable TAP</th>
<th>Duct Size (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;72</td>
<td>28.0 / 1.10</td>
<td>1.25</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>&lt;72</td>
<td>36.0 / 1.42</td>
<td>2</td>
<td>42.0 / 1.65</td>
<td>2</td>
<td>36.2 / 1.43</td>
<td>2</td>
</tr>
<tr>
<td>&lt;144</td>
<td>44.8 / 1.76</td>
<td>49.8 / 1.96</td>
<td>44.0 / 1.73</td>
<td>2</td>
<td>44.0 / 1.73</td>
<td>2</td>
</tr>
</tbody>
</table>

**OptiTip™ MT Connector Tether and Harness**

<table>
<thead>
<tr>
<th>Fiber Count</th>
<th>Maximum Loss (dB)</th>
<th>Typical Reflectance (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OptiTip MT Connector - Single-mode</td>
<td>2, 4, 6, 8, 12</td>
<td>0.75</td>
</tr>
<tr>
<td>OptiTip MT Connector - Multimode</td>
<td>2, 4, 6, 8, 12</td>
<td>0.75</td>
</tr>
</tbody>
</table>

*Note: Harness with Zeux™ Panel available in fiber counts of 4, 6 and 12.

For more information on the Zeux Panel, refer to LAN-836-EN.
Ordering Plug & Play™ AnyLAN™ Systems Components
Ordering Plug & Play AnyLAN Systems can be completed in three easy steps:

1. **Design and Measure** - Design the distribution trunk cable. Measure distances between TAPs, poles, handholes or equipment, to fit your specific application.

2. **Configure Build-Plan** - Contact Corning Cable Systems at 1-800-743-2675 to create and submit build plan.

3. **Place Order** - Place order matching the final bill of materials.

Configuration Options
The following information is provided to illustrate available Plug & Play AnyLAN Systems configurations, or to allow for creating a bill of materials for planning and budgeting purposes.

**Distribution Trunk Cables**

<table>
<thead>
<tr>
<th>FNAP - CBL -</th>
<th>Select fiber count.</th>
<th>Select fiber type.</th>
<th>Select cable type.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 5</td>
<td>012 = 12 fibers</td>
<td>K = Multimode 62.5/125 μm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>024 = 24 fibers</td>
<td>C = Multimode 50/125 μm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>036 = 36 fibers</td>
<td>S = Pretium™ 300 Solutions</td>
<td></td>
</tr>
<tr>
<td></td>
<td>048 = 48 fibers</td>
<td>Y = Pretium 550 Solutions</td>
<td></td>
</tr>
<tr>
<td></td>
<td>060 = 60 fibers</td>
<td>E = Single-mode</td>
<td></td>
</tr>
<tr>
<td></td>
<td>072 = 72 fibers</td>
<td>W4 = ALTOS® All-Dielectric Cable</td>
<td></td>
</tr>
<tr>
<td></td>
<td>096 = 96 fibers</td>
<td>WA = ALTOS Figure-8 Cable</td>
<td></td>
</tr>
<tr>
<td></td>
<td>144 = 144* fibers</td>
<td>WC = ALTOS Armored Lite™ Cable</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>V4 = RPX™ Gel-Free Ribbon Cable**</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>WF = FREEDOM® Riser Cable</td>
<td></td>
</tr>
</tbody>
</table>

* 144 fiber available in ALTOS All-Dielectric Cable, ALTOS Figure-8 Cable, ALTOS Armored Lite Cable and FREEDM Riser Cable.

** RPX Gel-Free Ribbon Cable maximum fiber count is 96 fiber, single-mode only.
### Ordering Information

**Tether Attachment Points (TAPs)**

<table>
<thead>
<tr>
<th>F</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
<th>15</th>
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</tr>
</tbody>
</table>

1. **Select fiber type.**
   - K = Multimode 62.5/125 μm
   - C = Multimode 50/125 μm
   - X = Pretium™ 300 Solutions
   - Y = Pretium 550 Solutions
   - S = Single-mode

2. **Select cable type.**
   - W2 = ALTOS® All-Dielectric Cable
   - WA = ALTOS Figure-8 Cable
   - WC = ALTOS Armored Lite™ Cable
   - V4 = RPX Gel-Free Ribbon Cable
   - WF = FREEDM® Riser Cable

3. **Select TAP type.**
   - A = Overmold/RPX Cable
   - C = 1.25 in overmold

4. **Select fiber type.**
   - K = Multimode 62.5/125 μm
   - C = Multimode 50/125 μm
   - X = Pretium™ 300 Solutions
   - Y = Pretium 550 Solutions
   - S = Single-mode

5. **Select fiber count.**
   - 02 = 2 fibers
   - 04 = 4 fibers
   - 06 = 6 fibers
   - 08 = 8 fibers
   - 12 = 12 fibers

6. **Select tether type.**
   - M2 = OptiTip™ MT Connector (pinned), single-mode
   - M4 = OptiTip MT Connector (pinned), multimode
   - OS = Splice

7. **Select installation environment.**
   - T = Aerial
   - R = Duct
   - S = Direct buried/tray

8. **Defines end-cap type.**
   - N = No loopback

9. **Select tether length.**
   - 005 = Aerial
   - 015 = Buried/duct
   *Note: 5 ft is standard for aerial and 15 ft for buried/duct.*

10. **Defines unit of measure for tether length.**
    - F = Feet

### Second Tether Attachment Points

<table>
<thead>
<tr>
<th>F</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
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<td></td>
</tr>
</tbody>
</table>

1. **Select fiber type.**
   - K = Multimode 62.5/125 μm
   - C = Multimode 50/125 μm
   - X = Pretium™ 300 Solutions
   - Y = Pretium 550 Solutions
   - S = Single-mode

2. **Select cable type.**
   - W2 = ALTOS® All-Dielectric Loose Tube Cable
   - W2 = ALTOS Figure-8 Cable
   - WC = ALTOS Armored Lite™ Cable
   - V4 = RPX Gel-Free Ribbon Cable
   - WF = FREEDM® Riser Cable

3. **Select TAP type.**
   - A = Second tether attachment point

4. **Select fiber count.**
   - 02 = 2 fibers
   - 04 = 4 fibers
   - 06 = 6 fibers
   - 08 = 8 fibers
   - 12 = 12 fibers

5. **Select tether type.**
   - M2 = OptiTip™ MT Connector (pinned), single-mode
   - M4 = OptiTip MT Connector (pinned), multimode
   - OS = Splice

6. **Select installation environment.**
   - T = Aerial
   - R = Duct
   - S = Direct buried/tray

7. **Defines end-cap type.**
   - N = No loopback

8. **Select tether length.**
   - 005 = Aerial
   - 015 = Buried/duct
   *Note: 5 ft is standard for aerial and 15 ft for buried/duct.*

9. **Defines unit of measure for tether length.**
    - F = Feet
Ordering Information

Harness

1 Select connector type 1.
   00 = No connector (pigtail)
   M1 = OptiTip™ MT Connector (non-pinned), single-mode
   M2 = OptiTip MT Connector (pinned), single-mode
   M3 = OptiTip MT Connector (non-pinned), multimode
   M4 = OptiTip MT Connector (pinned), multimode

2 Select connector type 2.
   M1 = OptiTip MT Connector (non-pinned), single-mode
   M2 = OptiTip MT Connector (pinned), single-mode
   M3 = OptiTip MT Connector (non-pinned), multimode
   M4 = OptiTip MT Connector (pinned), multimode
   03 = LC, multimode
   02 = LC UPC, single-mode
   39 = SC, multimode
   58 = SC UPC, single-mode
   50 = ST® Compatible, multimode
   61 = ST Compatible UPC, single-mode
   69 = MTP® Connector (non-pinned), multimode
   90 = MTP Connector (non-pinned), single-mode
   Note: Codes M1, M2, M3 and M4 are point-to-point trunks when selected as connector type 2.

3 Select fiber count.
   02 = 2 fibers
   04 = 4 fibers
   06 = 6 fibers
   08 = 8 fibers
   12 = 12 fibers

4 Select connector type.
   K = Multimode 62.5/125 μm
   C = Multimode 50/125 um
   S = Pretium™ 300 Solutions
   Y = Pretium 550 Solutions
   E = Single-mode

5 Select cable type.
   B4 = SST-Drop™ Outdoor Cable
   BZ = FREEDM® Drop Indoor/Outdoor Cable

6 Select installation environment.
   D1E = Outdoor only
   D1X = Indoor only
   D1H = Indoor/Outdoor

7 Select length.
   025 = 25 ft
   050 = 50 ft
   075 = 75 ft
   100 = 100 ft
   150 = 150 ft
   200 = 200 ft
   250 = 250 ft
   500 = 500 ft
# Ordering Information

**Zeux™ Panel Pigtail and Assembly**

<table>
<thead>
<tr>
<th>ZP</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
</tr>
</thead>
</table>

1. **Select connector type 1.**
   - 00 = No connector (pigtail)
   - M1 = OptiTip™ MT Connector (non-pinned), single-mode
   - M2 = OptiTip MT Connector (pinned), single-mode
   - M3 = OptiTip MT Connector (non-pinned), multimode
   - M4 = OptiTip MT Connector (pinned), multimode

2. **Select connector type 2.**
   - 03 = LC, multimode
   - 02 = LC UPC, single-mode
   - 39 = SC, multimode
   - 58 = SC UPC, single-mode
   - 50 = ST® Compatible, multimode
   - 61 = ST Compatible UPC, single-mode

3. **Select fiber count.**
   - 04 = 4 fibers
   - 06 = 6 fibers
   - 12 = 12 fibers

4. **Select fiber type.**
   - K = Multimode 62.5/125 μm
   - C = Multimode 50/125 μm
   - S = Pretium™ 300 Solutions
   - Y = Pretium 550 Solutions
   - E = Single-mode

5. **Select cable type.**
   - B4 = SST-Drop™ Outdoor Cable
   - BZ = FREEDM® Drop Indoor Cable

6. **Select installation environment.**
   - D1E = Outdoor only
   - D1X = Indoor only

7. **Select length.**
   - 025 = 25 ft
   - 050 = 50 ft
   - 100 = 100 ft
   - 150 = 150 ft
   - 200 = 200 ft
   - 250 = 250 ft
   - 500 = 500 ft