

Plug & Play™ AnyLAN™ Systems

A LANscape®
Solutions Product

features and benefits |

Preterminated cabling solution	Up to 50 percent faster per splice or termination point
Factory tested	Quick, reliable installation
Flexibility for various network options	Indoor and outdoor application
Shipped as a complete solution	Lower labor costs
Complimentary engineering services	Plan and design the system

Corning Cable Systems Plug & Play™ AnyLAN™ Systems are preterminated local area network cabling solutions that incorporate standard optical fiber cables with pre-installed tether attachment points (TAPs) at customer-specified locations along the length of the cable. With the flexibility to be configured in various network topologies for both indoor and outdoor environments, Plug & Play AnyLAN Systems can be installed up to 50 percent faster per splice or termination point than traditional field installations. Factory-terminated and factory-tested distribution trunk cables, tethers and harnesses 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. Each 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, ST® Compatible),

(continued)



Plug & Play AnyLAN Systems with Harness
| Photo LAN1001



OptiTip to OptiTip Connector Mating
| Photo LAN1003



OptiTip™ MT Connector | Photo LAN1000

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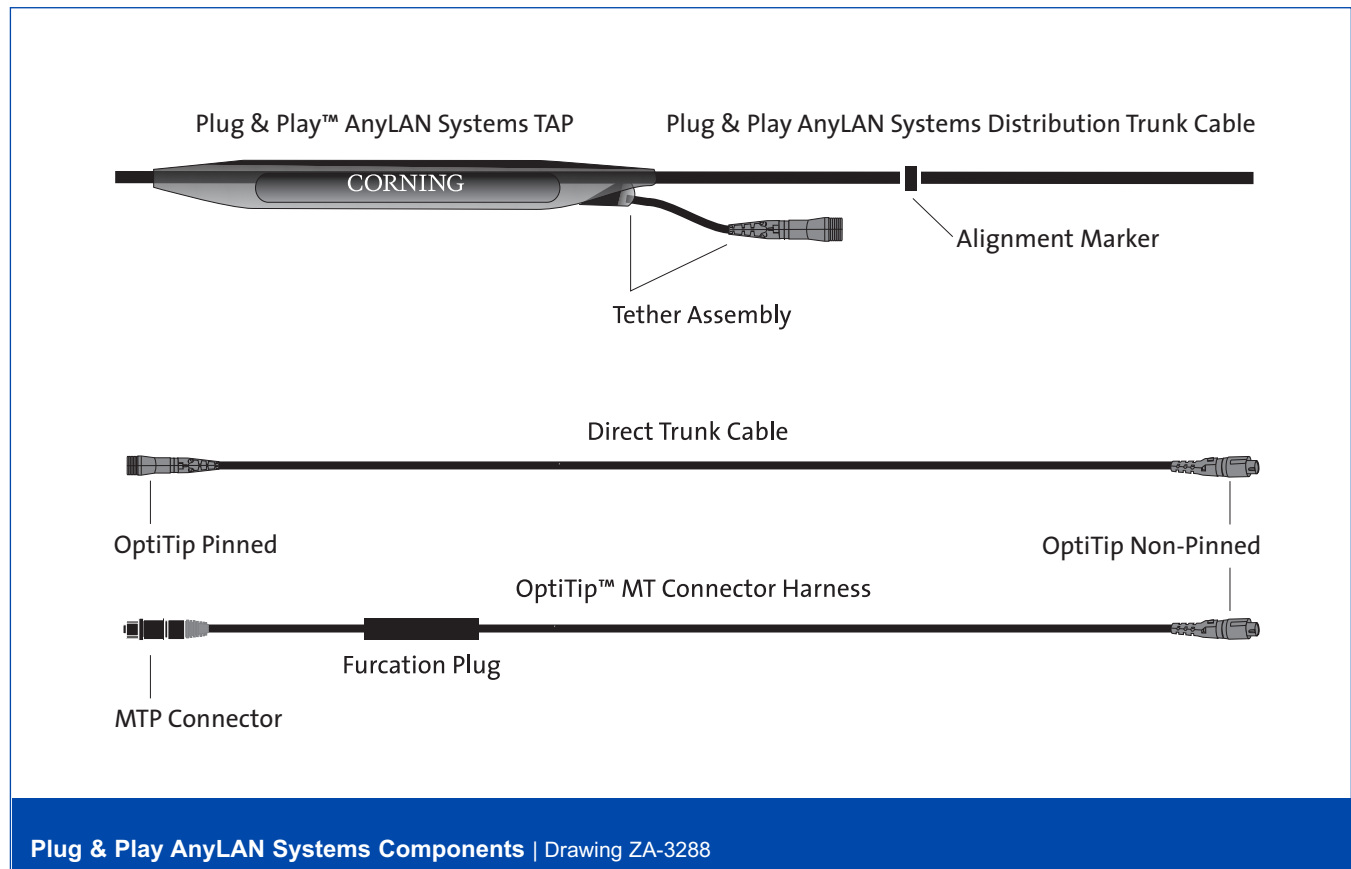
or Zeux™ Panel on the other end, providing quick and easy connectivity to the hardware. The patented, small-diameter factory splice closure is flexible and preterminated. Plug & Play™ AnyLAN™ Systems are factory tested and shipped as a complete solution, offering a faster, more reliable installation with lower labor costs and fewer cost overruns. Complimentary engineering services are available to help plan, design and order the system.

Designing Plug & Play AnyLAN Systems

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.



Plug & Play AnyLAN Systems Components | Drawing ZA-3288

Plug & Play™ AnyLAN™ Systems

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specifications |

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

Temperatures	Storage:	-40° to +70°C (-40° to +158°F)
	Installation:	-30° to +70°C (-22° to +158°F)
	Operation:	-40° to +70°C (-40° to +158°F)

Design and Test Criteria GR-3122, GR-771, GR-3152

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

Temperatures	Storage:	-40° to +70°C (-40° to +158°F)
	Installation:	-10° to +60°C (+14° to +140°F)
	Operation:	-40° to +70°C (-40° to +158°F)

Design and Test Criteria* GR-3122, GR-771, GR-3152, Ip 69K, IP 68 - OptiTip™ Connector only

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

Plug & Play AnyLAN Systems TAP Diameter (mm/in)						
Fiber Count	ALTOS® Cable TAP	Duct Size (in)	Armored Cable TAP	Duct Size (in)	FREEDM® Cable TAP	Duct Size (in)
<72	28.0/1.10	1.25	N/A	N/A	N/A	N/A
<72	36.0/1.42	2	42.0/1.65	2	36.2/1.43	2
≤144	44.8/1.76	2	49.8/1.96	2	44.0/1.73	2
216	44.8/1.76	2	N/A	N/A	N/A	N/A

OptiTip MT Connector Tether and Harness (dB)		
Fiber Count	Maximum Loss	Typical Reflectance
Single-mode 2, 4, 6, 8, 12	0.75	-65
Multimode 2, 4, 6, 8, 12	0.75	-20

Notes:

- 1) Harness with Zeux™ Panel available in fiber counts of four, six and 12.
- 2) For more information on the Zeux Panel, refer to LAN-836-EN.

specifications | (continued)

Plug & Play™ AnyLAN™ Systems Furcation (in)			
Fiber Count	Grip Length	Grip Diameter	Furcation Diameter
12-72	54	1.55	1.1
96-144	54	1.55	1.1
Leg Length			
24-Fiber	24	4-in between every 24-fiber	
Stagger			
4			

ordering information |

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 800-743-2675 to create and submit a build plan. Only used for distribution trunk.
- 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.

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ordering information | (continued)

Distribution Trunk Cables

FNAP - CBL -	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1	2	3	4	5	6

|1-3

Select fiber count.

- 012 = 12 fibers
- 024 = 24 fibers
- 036 = 36 fibers
- 048 = 48 fibers
- 060 = 60 fibers
- 072 = 72 fibers
- 096 = 96 fibers
- 144 = 144 fibers

See Note 1.

|4

Select fiber type.

- B = 50 µm multimode
- T = LANscape® Pretium®
300 Solutions
- Q = Pretium 550 Solutions
- E = Single-mode

|5-6

Select cable type.

- W4 = ALTOS® All-Dielectric
Cable
- WA = ALTOS Figure-8 Cable
- WC = ALTOS Lite™ Armored
Cable
- V4 = RPX® Gel-Free
Ribbon Cable
- WF = FREEDM® Riser Cable
- WZ = Industrial LSZH™
Single-Jacket cable

See Note 2.

Notes:

1) 144 fiber available in ALTOS All-Dielectric Cable, ALTOS Figure-8 Cable, ALTOS Lite Armored Cable, FREEDM Riser Cable and Industrial LSZH Single-Jacket cable.

2) RPX Gel-Free Ribbon Cable maximum fiber count is 96 fiber, single-mode only.

Plug & Play™ AnyLAN™ Systems Modules

CCH - AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1		2			3		4

|1

Select fiber count.

- 12 = 12 fibers
- 24 = 24 fibers

|2

Select adapters on module front.

- ST® Compatible (12-fiber max)**
- 50 = Multimode
- 61 = ST UPC Compatible, single-mode
- LC Duplex**
- 05 = Multimode
- 04 = Single-mode
- 18 = LC APC duplex, single-mode
- SC Duplex**
- 72 = Single-mode, 568SC (SC UPC duplex)
- 57 = Multimode, 568SC (SC duplex)
- 66 = Single-mode, SC APC duplex

|3

Select MTP® adapter on module back.

- 70 = Standard performance, multimode (male)
- 89 = Single-mode (male)

|4

Select fiber type.

- K = 62.5 µm multimode
- T = Pretium 300 Solutions
- Q = Pretium 550 Solutions
- R = Single-mode

ordering information | (continued)

Pretermination Furcation

F	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3		4	5	6		7				

|1
Defines installation type.
X = Indoor

|2
Defines furcation type.
6 = 600 lb – outdoor install

|3
Defines fiber count.
12-144

|4
Select fiber type.
B = 50 µm multimode
T = LANscape® Pretium®
300 Solutions
Q = Pretium 550 Solutions
E = Single-mode

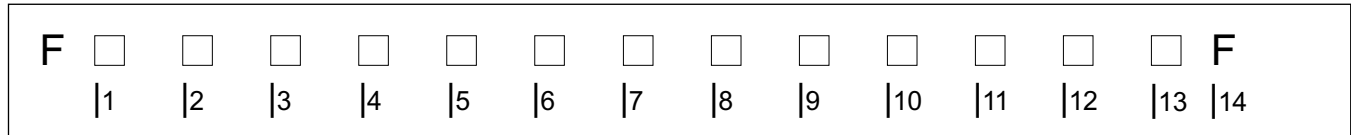
|5
Select cable type.
W4 = ALTOS® Cable
WF = FREEDM® Cable

|6
Select connector type.
76 = Single-mode MT
Connector (non-pinned)
69 = Multimode MTP®

|7
Defines leg OD/length.
A = 24-in ribbon furcation
(+5 in/-0 in), standard
for MTP

ordering information | (continued)

Tether Attachment Points (TAPs)



|1
Select fiber type.
B = 50 µm multimode
T = LANscape® Pretium®
300 Solutions
Q = Pretium 550 Solutions
S = Single-mode

|2-3
Select cable type.
W4 = ALTOS® All-Dielectric
Cable
WA = ALTOS Figure-8
Cable
WC = ALTOS Lite™ Armored
Cable
V4 = RPX® Gel-Free
Ribbon Cable
WF = FREEDM® Riser Cable

|4
Select TAP type.
A = Overmold/RPX Cable
C = 1.25-in overmold
See Note 1.

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

|7-8
Select tether type.
M2 = OptiTip™ MT Connector
(pinned) single-mode
M4 = OptiTip MT Connector
(pinned) multimode
OS = Splice

|9
Select installation
environment.
T = Aerial
R = Duct
S = Direct buried/tray

|10
Select end cap type.
N = No loopback
L = Loopback
See Note 2.

|11-12-13
Select tether length.
005 = Aerial
015 = Buried/duct
See Note 3.

|14
Defines unit of measure
for tether length.
F = Feet

Notes:
1) Only available for 1.25 in-duct
and 72 fiber.
2) Only available with
single-mode.
3) 5 ft is standard for aerial
and 15 ft for buried/duct/tray.

ordering information | (continued)

Second Tether Attachment Points

F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14

|1

Select fiber type.
 B = 50 µm multimode
 T = LANscape® Pretium®
 300 Solutions
 Q = Pretium 550 Solutions
 S = Single-mode

|2-3

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

|4

Defines TAP type.
 - = Second tether
 attachment point

|5-6

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

|7-8

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

|9

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

|10

Select end cap type.
 N = No loopback
 L = Loopback
 See Note 1.

|11-12-13

Select tether length.
 005 = Aerial
 015 = Buried/duct
 See Note 2.

|14

Defines unit of measure
 for tether length.
 F = Feet

Notes:
 1) Only available with
 single-mode.

2) 5 ft is standard for aerial and
 15 ft for buried/duct/tray

ordering information | (continued)

Harness / Direct Trunk

□ □	□ □	□ □	□	□ □	□ □ □	□ □ □	F - P
1	2	3	4	5	6	7	

|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

See Note 1.

|3

Select fiber count.

- 02 = 2 fibers
- 04 = 4 fibers
- 06 = 6 fibers
- 08 = 8 fibers
- 12 = 12 fibers

|4

Select connector type.

- K = 62.5 μm multimode
- B = 50 μm multimode
- T = LANscape® Pretium® 300 Solutions
- Q = 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

See Note 2.

Notes:

1) Codes M1, M2, M3 and M4 are direct trunks when selected as connector type 2.

2) Only available in 10 ft increments, as well as 25 ft and 75 ft.

ordering information | (continued)

Zeux™ Panel Pigtail and Assembly

ZP	□ □	□ □	□ □	□	□ □	□ □ □	□ □ □	F
1	2	3	4	5	6	7		

|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.

- B = 50 μm multimode
- T = LANscape® Pretium® 300 Solutions
- Q = Pretium 550 Solutions
- E = Single-mode
- K = 62.5 μm multimode

|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
- See Note 1*

Notes:

- 1) Only available in 10 ft increments, as well as 25 ft and 75 ft.

Plug & Play™ AnyLAN™ Systems

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notes |

PRETERMINATED SYSTEMS | CABLES | CONNECTORS | CABLE ASSEMBLIES | HARDWARE | SPLICE CLOSURES | TEST EQUIPMENT | SPLICE EQUIPMENT | TRAINING |

Plug & Play™ AnyLAN™ Systems

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notes |

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