

Plug & Play™ AnyLAN™ Systems

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features and benefits |

Preterminated cabling solution	Up to 50 percent faster per system deployment
Factory tested	Quick, reliable installation
Flexibility for various network designs	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 with the flexibility to be configured in various network topologies for both indoor and outdoor environments. Three primary solutions include:

- Direct trunk solution for point-to-point architectures
- Ruggedized Zone Enclosure solution for a point-to-multipoint topology
- Distribution trunk solution for a distributed topology

The AnyLAN OptiTip® Connector is the key enabler in each of the solution components and facilitates the quick deployment solution. Plug & Play AnyLAN Systems can be installed up to 50 percent faster than traditional field installations.

Factory-terminated and factory-tested direct and distribution trunk cables, tethers and harnesses may be quickly installed in either buried (direct buried, 1.25-in or 2-in duct) or aerial (overlash and self-supporting) applications, while the inside plant (riser) versions may be easily installed within a 2-in duct. Each tether attachment point (TAP) in the distribution trunk solution allows up to two tethers per location (24 fibers) with an engineered number of TAPs per distribution cable.

(continued)



OptiTip MT Connector | Photo LAN1000



OptiTip to OptiTip Connector Mating | Photo LAN1003

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The Ruggedized Zone Enclosure combines the AnyLAN™ OptiTip® adapter with a sealed, factory-terminated closure providing the pathway for quick and easy deployment of a point-to-multipoint architecture.

Harnesses are terminated with the OptiTip MT Connector on one end and up to 12 single-fiber connectors (SC, LC, ST® Compatible) or a Zeux™ Panel on the other end, providing quick and easy connectivity to hardware. The patented Zeux Panel is a flexible, pre-terminated, small diameter factory splice closure. Factory-

terminated module and housing components (Integrated 1U Housing, Integrated Single Panel Housing, AnyLAN Module) provide additional solution design options.

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.

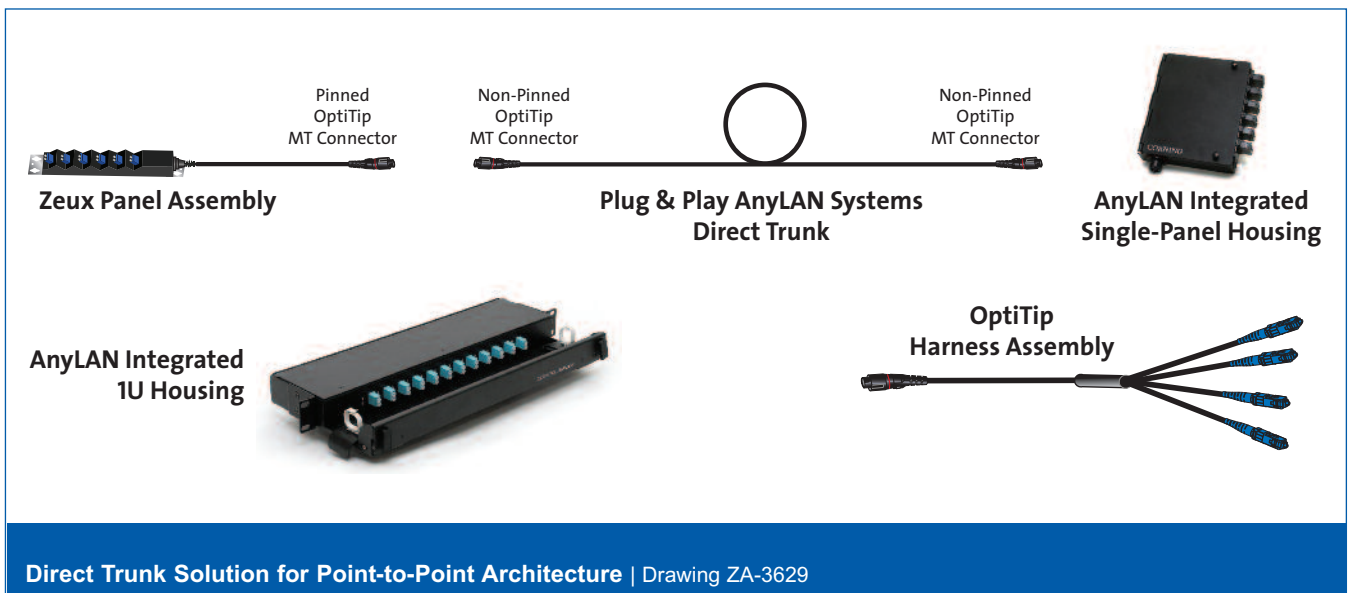
Designing Plug & Play AnyLAN Systems – 3 Architectures

1. Direct Trunk Solution for Point-to-Point Architecture

Primary Component: Direct Trunk

Recommended accessories:

- Zeux Panel Assembly
- Integrated Single-Panel Housing
- Integrated 1U Housing
- OptiTip Harness Assembly



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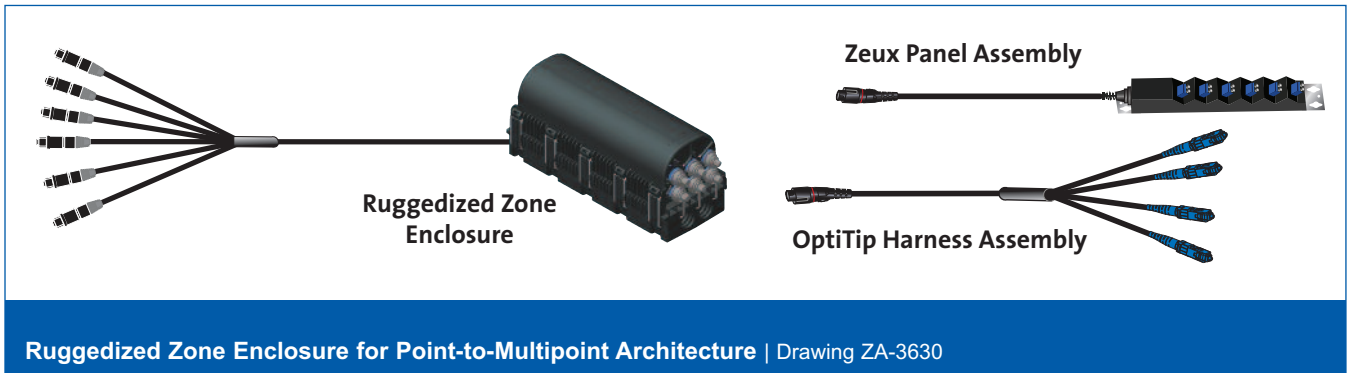
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2. Ruggedized Zone Enclosure for Point-to-Multipoint Architecture

Primary Component: Ruggedized Zone Enclosure (pigtail or preterminated MTP® Trunk Cable options)

Recommended accessories:

- Zeux™ Panel Assembly
- OptiTip® Harness Assembly

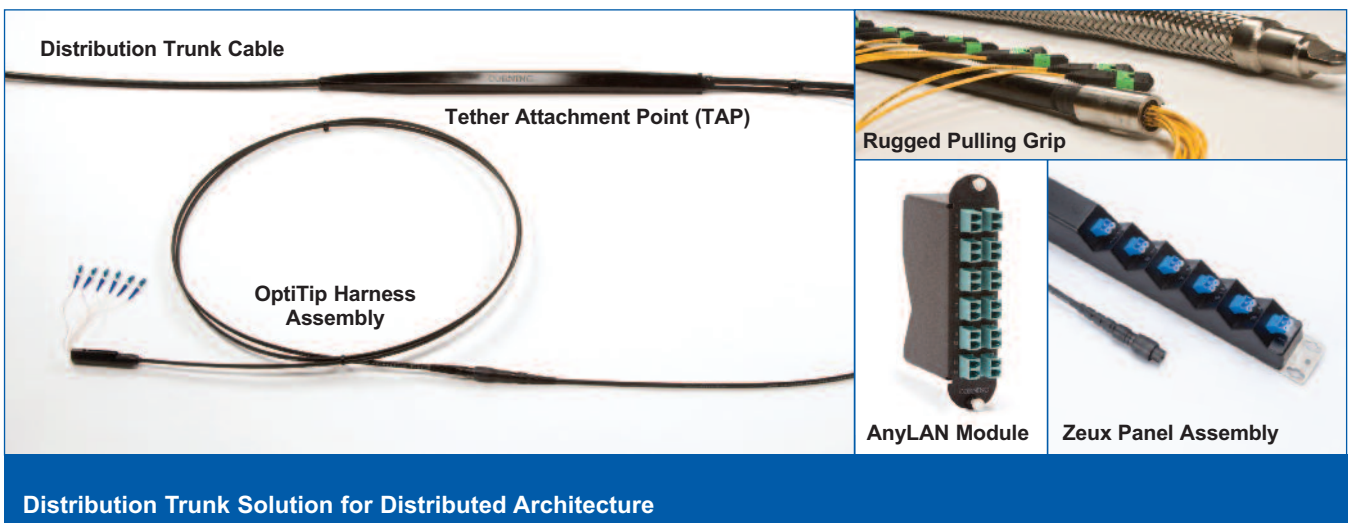


3. Distribution Trunk Solution for Distributed Architecture

Primary Component: Distribution Trunk Cable (pigtail or preterminated MTP Trunk Cable options)

Recommended accessories:

- Distribution system tether attachment points (TAPs)
- Rugged pulling grip
- Zeux Panel Assembly
- OptiTip Harness Assembly
- AnyLAN™ Module



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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	ALTOS Duct Size (in)	FREEDM® Riser and Industrial LSZH™ Single-Jacket Cable TAP	Duct Size (in)
< 72	28.0/1.10	1.25	N/A	N/A
< 72	36.0/1.42	2	36.2/1.43	2
≤ 144	44.8/1.76	2	44.0/1.73	2
216	44.8/1.76	2	N/A	N/A

OptiTip MT Connector Tether and Harness (dB)

Fiber Count	Maximum Loss/Typical Loss	Typical Reflectance
Single-mode 12	0.75/0.3	-65
Multimode 12	0.75/0.3	-20

Plug & Play AnyLAN Systems Rugged Pulling Grip (in)*

Fiber Count	Grip Length	Grip Diameter	Furcation Diameter
12-144	54	1.55	1.1
Leg Length			
24-Fiber	54	4-in between every 24-fiber	
Stagger			
4			
Pulling Tension			
600 lbs			

Note: Requires 2-in duct.

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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 direct trunk cable, ruggedized zone enclosure system or distribution trunk cable. For the distribution trunk cable system, 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 and ask to speak with Technical Support to create and submit a build plan using the online configurator. 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.

Direct Trunk

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

- |1**
Select connector type 1.
M1 = OptiTip® MT Connector (non-pinned), single-mode
M3 = OptiTip MT Connector (non-pinned), multimode

- |2**
Select connector type 2.
M1 = OptiTip MT Connector (non-pinned), single-mode
M3 = OptiTip MT Connector (non-pinned), multimode

- |3**
Select fiber count.
06 = 6 fibers
12 = 12 fibers
- |4**
Select connector type.
B = 50 μm multimode
T = LANscape® Pretium® 300 Solutions
E = Single-mode

- |5**
Select cable type.
B4 = SST-Drop™ Outdoor Cable
BZ = FREEDM® Flat Drop Indoor/Outdoor LSZH™ Cable
- |6**
Select installation environment.
D1E = Outdoor only
D1X = Indoor only
D1H = Indoor/outdoor

- |7**
Select length.
050 = 50 ft
100 = 100 ft
250 = 250 ft
500 = 500 ft
A00 = 1000 ft
F00 = 1500 ft
K00 = 2000 ft
P00 = 2500 ft
See Note 1.
- Note:*
1) 10 ft increments only.

ordering information | (continued)

Ruggedized Zone Enclosure

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

|1
Select connector type 1 (main cross-connect).
00 = Pigtail
76 = MTP® Connector, (non-pinned), single-mode
69 = MTP Connector, (non-pinned), multimode

|2
Select connector type 2 (enclosure end).
77 = OptiTip® MT Connector (pinned), single-mode
70 = OptiTip MT Connector (pinned), multimode

|3
Select fibers per port (see Reference Table).
06
12

|4
Select fiber count.
12 36 72
24 48 96

|5
Select fiber type.
E = Single-mode
B = 50 μm multimode
T = 50 μm multimode, LANscape® Pretium® 300 Solutions

|6
Select cable type.
W4 = ALTOS® All-Dielectric Cable
WF = FREEDM® Loose Tube Cable
WZ = Industrial LSZH™ Single-Jacket Cable

|7
Select cable length (in feet).
</ = 15,000 ft
See Note 1.

Note:
1) 10 ft increments only.

Part Number	Description
-------------	-------------

Accessories

UCA-KT-AHD	Ruggedized Zone Enclosure Hanging Bracket with J-Hook
UCA4-KT-AHD	Ruggedized Zone Enclosure Hanging Bracket without J-Hook
UCA-KT-POLE	Ruggedized Zone Enclosure Pole Mount Bracket

reference table |

Cable Stub	Ports	Fibers/Port
12	2	6
24	2	12
24	4	6
36	3	12
36	6	6
48	4	12
48	8	6
72	6	12
96	8	12

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
 072 = 72 fibers
 096 = 96 fibers
 144 = 144 fibers

|4

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

|5-6

Select cable type.
 W4 = ALTOS® All-Dielectric
 Cable
 WF = FREEDM® Riser Cable
 WZ = Industrial LSZH™
 Single-Jacket Cable

Primary Tether Attachment Point (TAP)

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"/> N <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
 S = Single-mode

|4

Select TAP type.
 A = Standard overmold
 (2-in duct)
 C = Low profile overmold
 (1.25-in duct)

|7-8

Select tether type.
 M2 = OptiTip® MT Connector
 (pinned), single-mode
 M4 = OptiTip MT Connector
 (pinned), multimode

|10

Defines end cap type.
 N = No loopback

|2-3

Select cable type.
 W4 = ALTOS All-Dielectric
 Cable
 WF = FREEDM Riser Cable
 WZ = Industrial LSZH
 Single-Jacket Cable

|5-6

Select fiber count.
 06 = 6 fibers
 12 = 12 fibers

|9

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

|11-12-13

Select tether length
 (in feet).
 005 = Aerial
 015 = Buried/duct

|14

Defines unit of measure
 for tether length.
 F = Feet

ordering information | (continued)

Secondary Tether Attachment Point

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"/>	N	<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
S = Single-mode

|2-3

Select cable type.
W4 = ALTOS® All-Dielectric
Loose Tube Cable
WF = FREEDM® Riser Cable
WZ = Industrial LSZH™
Single-Jacket Cable

|4

Defines TAP type.
- = Second tether
attachment point

|5-6

Select fiber count.
06 = 6 fibers
12 = 12 fibers

|7-8

Select tether type.
M2 = OptiTip® MT Connector
(pinned), single-mode
M4 = OptiTip MT Connector
(pinned), multimode

|9

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

|10

Defines end cap type.
N = No loopback

|11-12-13

Select tether length
(in feet).
005 = Aerial
015 = Buried/duct

|14

Defines unit of measure
for tether length.
F = Feet

Rugged Pulling Grip *See Note 1.*

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

|1

Defines installation type.
X = Standard

|2

Defines furcation type.
6 = 600 lb – outdoor install

|3

Select fiber count.
012 036 072 144
024 048 096

|4

Select fiber type.
B = 50 µm multimode
T = LANscape Pretium
300 Solutions
E = Single-mode

|5

Select cable type.
W4 = ALTOS Cable
WF = FREEDM Cable
WZ = Industrial LSZH
Single-Jacket 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

Note:
1) Rugged pulling grip requires
2-in duct.

ordering information | (continued)

Integrated Single-Panel Housing

Part Number	Description
SPH-12OTR-1259H	Single-panel wall-mountable housing, 12 fibers, SC duplex adapters, single-mode fiber
SPH-12OTR-126TH	Single-panel wall-mountable housing, 12 fibers, 12 ST® Compatible adapters, single-mode fiber
SPH-12OTR-12A9H	Single-panel wall-mountable housing, 12 fibers, LC duplex adapters, single-mode fiber
SPH-12OTS-12E7H	Single-panel wall-mountable housing, 12 fibers, SC duplex adapters, Pretium® 300 laser-optimized 50 µm fiber
SPH-12OTS-12H3H	Single-panel wall-mountable housing, 12 fibers, 12 ST Compatible adapters, Pretium 300 laser-optimized 50 µm fiber
SPH-12OTS-12E4H	Single-panel wall-mountable housing, 12 fibers, LC duplex adapters, Pretium 300 laser-optimized 50 µm fiber
SPH-12OTC-12G7H	Single-panel wall-mountable housing, 12 fibers, SC duplex adapters, Pretium 150 multimode fiber (50 µm)
SPH-12OTC-12G5H	Single-panel wall-mountable housing, 12 fibers, 12 ST Compatible adapters, Pretium 150 multimode fiber (50 µm)
SPH-12OTC-12D3H	Single-panel wall-mountable housing, 12 fibers, LC duplex adapters, Pretium 150 multimode fiber (50 µm)
SPH-24OTR-24A9H	Single-panel wall-mountable housing, 24 fibers, LC duplex adapters, single-mode fiber
SPH-24OTS-24E4H	Single-panel wall-mountable housing, 24 fibers, LC duplex adapters, Pretium 300 laser-optimized 50 µm fiber
SPH-24OTC-24D3H	Single-panel wall-mountable housing, 24 fibers, LC duplex adapters, Pretium 150 multimode fiber (50 µm)

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ordering information | (continued)

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.

LC Duplex
05 = Multimode
04 = Single-mode
SC Duplex
72 = Single-mode, 568SC (SC UPC duplex)
57 = Multimode, 568SC (SC duplex)

|3

Select MTP® adapter on module back.
70 = Standard performance, multimode (male)
89 = Single-mode (male)

|4

Select fiber type.
T = Pretium® 300 Solutions
G = Single-mode

Integrated 1U Housing

Part Number	Description
CC1-24OTR-2459H	1U Rack-Mountable Housing, 24 fibers, SC duplex adapters, single-mode fiber
CC1-24OTR-246TH	1U Rack-Mountable Housing, 24 fibers, ST® Compatible adapters, single-mode fiber
CC1-24OTR-24A9H	1U Rack-Mountable Housing, 24 fibers, LC duplex adapters, single-mode fiber
CC1-24OTS-24E7H	1U Rack-Mountable Housing, 24 fibers, SC duplex adapters, Pretium 300 laser-optimized 50 µm fiber
CC1-24OTS-24H3H	1U Rack-Mountable Housing, 24 fibers, ST Compatible adapters, Pretium 300 laser-optimized 50 µm fiber
CC1-24OTS-24E4H	1U Rack-Mountable Housing, 24 fibers, LC duplex adapters, Pretium 300 laser-optimized 50 µm fiber
CC1-24OTC-24G7H	1U Rack-Mountable Housing, 24 fibers, SC duplex adapters, Pretium 150 laser-optimized 50 µm fiber
CC1-24OTC-24G5H	1U Rack-Mountable Housing, 24 fibers, ST Compatible adapters, Pretium 150 laser-optimized 50 µm fiber
CC1-24OTC-24D3H	1U Rack-Mountable Housing, 24 fibers, LC duplex adapters, Pretium 150 laser-optimized 50 µm fiber

