OUTDOOR ENCLOSURES

The Amphenol Demarcation and Aggregation Box product line offer superior protection for indoor/outdoor equipment installations. Sealed polymer enclosures provide a long life, weather resistant location to optical signal fibers and copper power cables. Enclosures provide connection to various communication equipment, including backhaul, macro and small cell wireless applications.

Enclosures are tailored with internal or external patching, splicing and/or distribution options to meet existing requirements and provision for future expansion. Entrance and exit ports can be configured to include pigtails, flexible port covers, sealing cable glands or pluggable receptacles for either copper power or optical fiber cables.

Provided with integrated mounting features, the enclosures are designed for easy installation in any location and environment, ideal for wall and pole mount applications.

Benefits

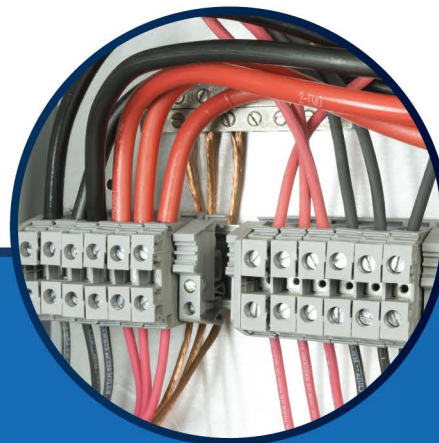Flexible by design: configurable for specific applications, with no compromise

Hybrid, Fiber only and Power only designs

Protected : NEMA 4x, F1 and UL rated

Corrosion resistant and outdoor rated

Easy mounting to pole or wall

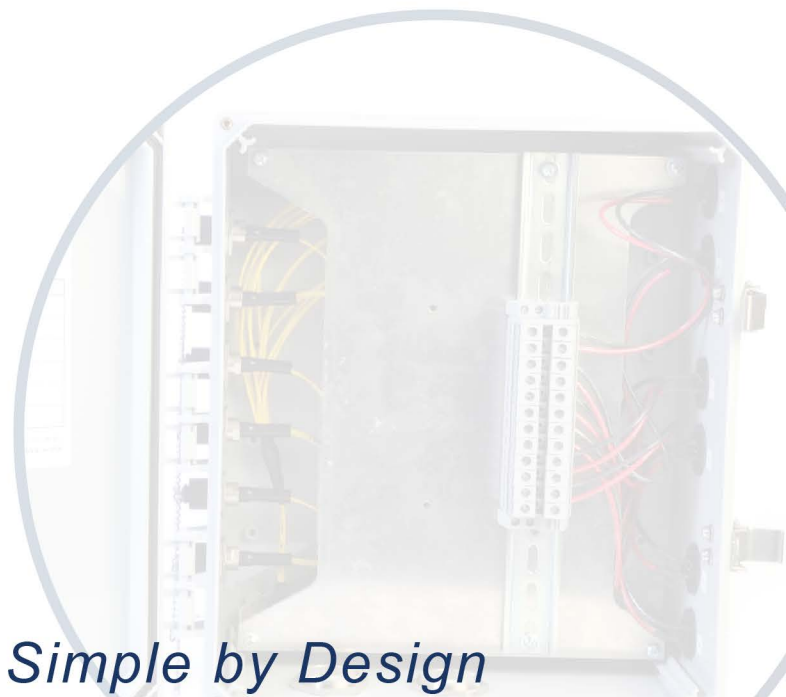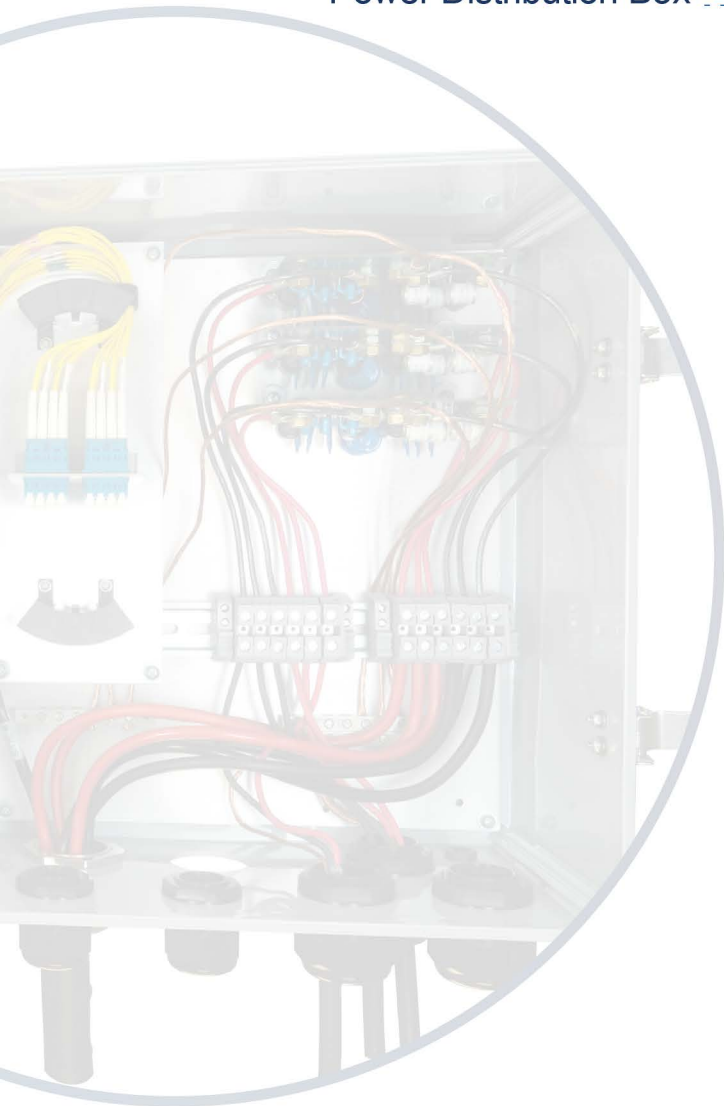Factory terminated and tested assemblies

Connected Everywhere in Extreme Temperatures

PRODUCT TYPE

Solutions that are Simple by Design

Fiber Distribution Box

Amphenol's Fiber Demarcation Boxes offer superior protection for indoor or outdoor equipment installations.

These sealed polymer enclosures provide a long life, weather resistant location to demarcate, combine, or segregate optical signal fibers for connection to various communication equipment, including backhaul, macro and small cell wireless applications.

Enclosures are tailored with internal or external patching, splicing and/or distribution options to meet existing requirements and provision for future expansion.

Entrance and exit ports can be configured to include pigtails, flexible port covers, sealing cable glands or pluggable receptacles for optical fiber cables.

Provided with integrated mounting features, the enclosures are designed for easy installation in any location and environment, ideal for wall and pole mount applications.

Features and Benefits

Feeder and drop Customizable connections; Maximum flexibility and interchangeability to serve different network configurations and interconnectivity methods.

Customizable feeder and drop box entrance; Flexible cable entrance options that include weather proofing grommets for interconnect within the box, or harsh environment optical connectors for plug-n-play designs

Available for 4, 8, 12, 24, or 36 Fiber Count; High density and flexible designs with attention to cable management to accommodate all applications. This right-sized approach is intended to simplify infrastructure deployment for all environments

NEMA-4x Rated Enclosure; Designed to the highest environmental standard to ensure protection of the optical and power connections from wind, rain, flooding, UV, moisture, and other environmental factors that the box may be exposed to

UL Listed housing; One solution for indoor and outdoor usage simplifies your network deployment

Lockable cover; Provides security and protection to network circuits from vandalism and tampering

Specifications

Fiber box

1 to 48 fiber capacity

Dimension: 16"x14"x7" (other sizes available)

Material: Polycarbonate

Color: Gray

Ambient temperature range:
    -30 to +129°C

Halogen free (optional)

Reconfigurable layout

Impact resistance: UL-746C

UV resistant: UL 1581 Sec. 1200

Material flammability rating: UL-94

Industry Compliance

IP67 Water and Dust Ingress Protection

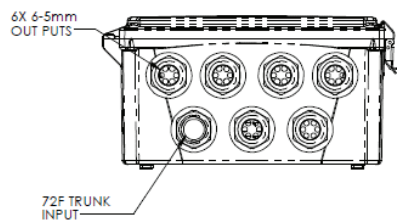Meets NEMA-4X requirements
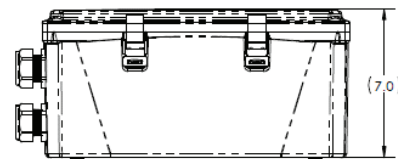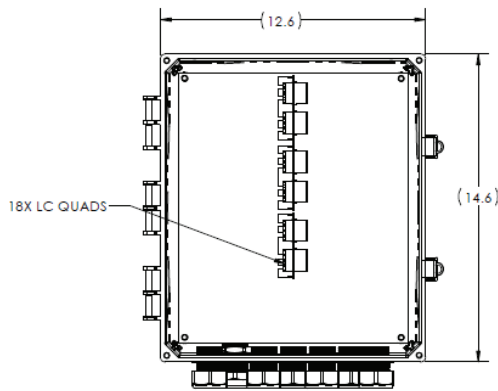
UL Listed enclosure

Applications

FTTA	Outdoor Areas
Wireless	Industrial

(12.6)

18X LC QUADS

(14.6)

(7.0)

6X 6-5mm OUT PUTS

72F TRUNK INPUT

Ordering Information

Part Number	Description
927-xxx	CUSTOMER SPECIFIC, CALL FOR DETAILS

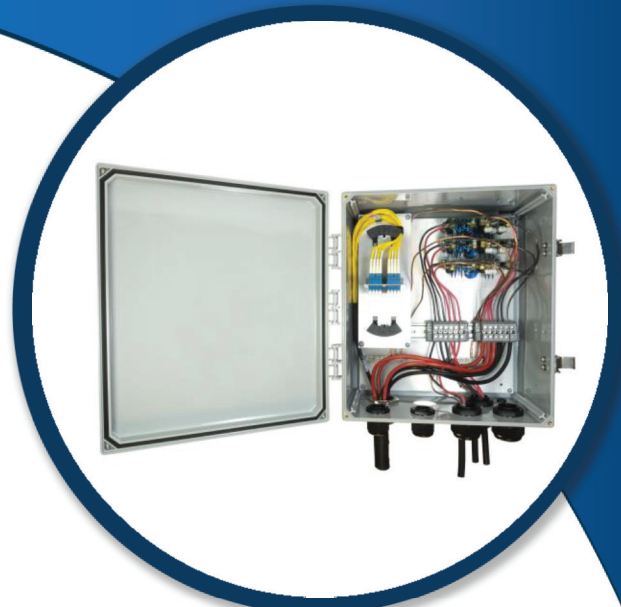*Please call customer service for additional configurations

Hybrid Distribution Box

Amphenol's Hybrid (Power and Fiber) Demarcation Boxes offer superior protection for indoor or outdoor equipment installations.

Sealed polymer enclosures provide a long-life weather resistant location to demark, combine, or segregate optical signal fibers and copper power for connection to various communication equipment, including backhaul, macro and small cell wireless applications.

Enclosures are tailored with internal or external patching, splicing and/or distribution options to meet existing requirements and provision for future expansion. Entrance and exit ports can be configured to include pigtails, flexible port covers, sealing cable glands or pluggable receptacles for either copper power or optical fiber cables.

Provided with integrated mounting features, the enclosures are designed for easy installation in any location and environment, ideal for wall and pole mount applications.

Features and Benefits

Feeder and drop Customizable connections; Maximum flexibility and interchangeability to serve different network configurations and interconnectivity methods.

Customizable feeder and drop box entrance; Flexible cable entrance options that include weather proofing grommets for interconnect within the box, or harsh environment optical connectors for plug-n-play designs

Available for 4, 8, 12, 24, or 36 Fiber Count; High density and flexible designs with attention to cable management to accommodate all applications. This right-sized approach is intended to simplify infrastructure deployment for all environments

NEMA-4x Rated Enclosure; Designed to the highest environmental standard to ensure protection of the optical and power connections from wind, rain, flooding, UV, moisture, and other environmental factors that the box may be exposed to

UL Listed housing; One solution for indoor and outdoor usage simplifies your network deployment

Lockable cover; Provides security and protection to network circuits from vandalism and tampering

Specifications

Distribution Box

Up to 18 power conductor capacity

1 to 48 fiber capacity

Dimension: 16"x14"x7" (other sizes available)

Material: Polycarbonate

Color: Gray

Ambient temperature range:
     -30 to +129°C

Halogen free (optional)

Circuit breaker optional: C20A, C32A

Surge protection device optional:
     SPD type 1+2 or type 2

Reconfigurable layout

Impact resistance: UL-746C

UV resistant: UL 1581 Sec. 1200

Material flammability rating: UL-94

Industry Compliance

IP67 Water and Dust Ingress Protection
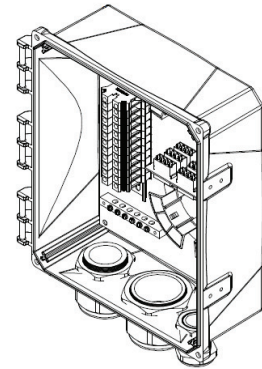
Meets NEMA-4X requirements
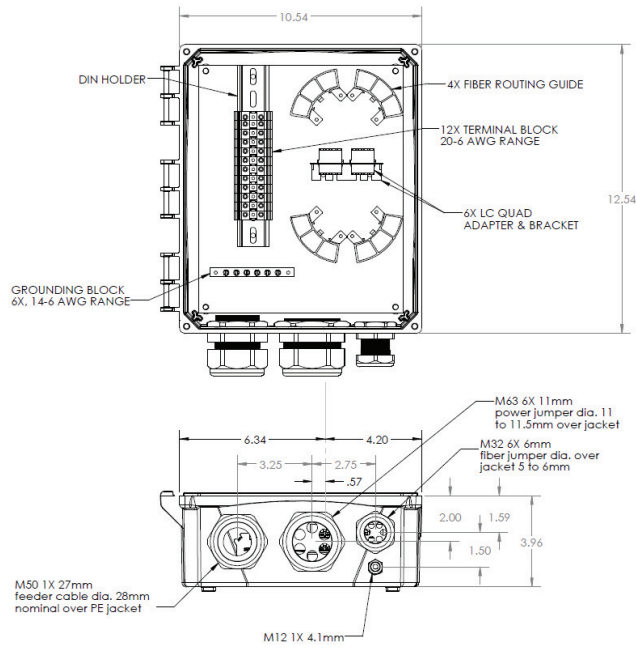
UL Listed enclosure

Applications

FTTA	Outdoor Areas
Wireless	Industrial

Ordering Information

Part Number	Description
940-1001	HYBRID DISTRIBUTION BOX, 6F-6P OUTPUTS, 14X12X6
940-1002	HYBRID DISTRIBUTION BOX, 12F-12P OUTPUTS, 14X12X6
940-1003	HYBRID DISTRIBUTION BOX, M50, 12X AARC, 6X POWER

*Please call customer service for additional configurations

Power Distribution Box

Amphenol's Power Demarcation Box offers superior protection for indoor or outdoor equipment installations.

Sealed polymer enclosure provides a long life, weather resistant location to demark, combine, or segregate optical signal fibers and/or copper power for connection to various communication equipment, including backhaul, macro and small cell wireless applications.

Enclosures are tailored with internal or external patching, splicing and/or distribution options to meet existing requirements and provision for future expansion.

Provided with integrated mounting features, the enclosures are designed for easy installation in any location and environment, ideal for wall and pole mount applications.

Features and Benefits

Feeder and drop Customizable connections; Maximum flexibility and interchangeability to serve different network configurations and interconnectivity methods.

Customizable feeder and drop box entrance; Flexible cable entrance options that include weather proofing grommets for interconnect within the box, or harsh environment optical connectors for plug-n-play designs

Available in configurations up to 18 power conductors in a variety of cross sections

NEMA-4x Rated Enclosure; Designed to the highest environmental standard to ensure protection of the optical and power connections from wind, rain, flooding, UV, moisture, and other environmental factors that the box may be exposed to

UL Listed housing; One solution for indoor and outdoor usage simplifies your network deployment

Lockable cover; Provides security and protection to network circuits from vandalism and tampering

Lightweight Construction; Reduces wind loading on towers and structures while allowing an easy, one person installation.
Plastic boxes provide the lightest solution with no compromise to quality or protection.

Specifications

Distribution Box

Up to 18 power conductor capacity

Dimension: 16"x14"x7" (other sizes available)

Material: Polycarbonate

Color: Gray

Ambient temperature range:
    -30 to +129°C

Halogen free (optional)

Circuit breaker optional: C20A, C32A

Surge protection device optional:
    SPD type 1+2 or type 2

Reconfigurable layout

Impact resistance: UL-746C

UV resistant: UL 1581 Sec. 1200

Material flammability rating: UL-94

Industry Compliance

IP67 Water and Dust Ingress Protection
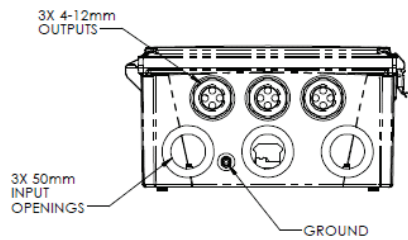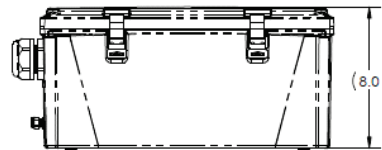
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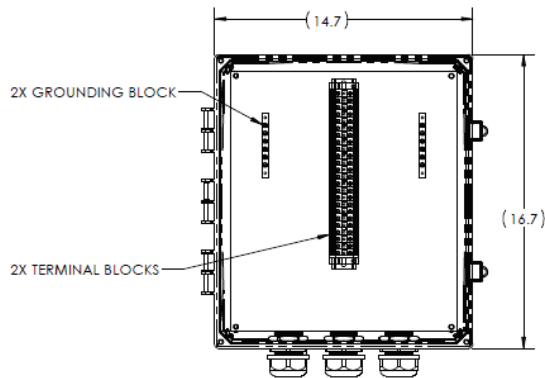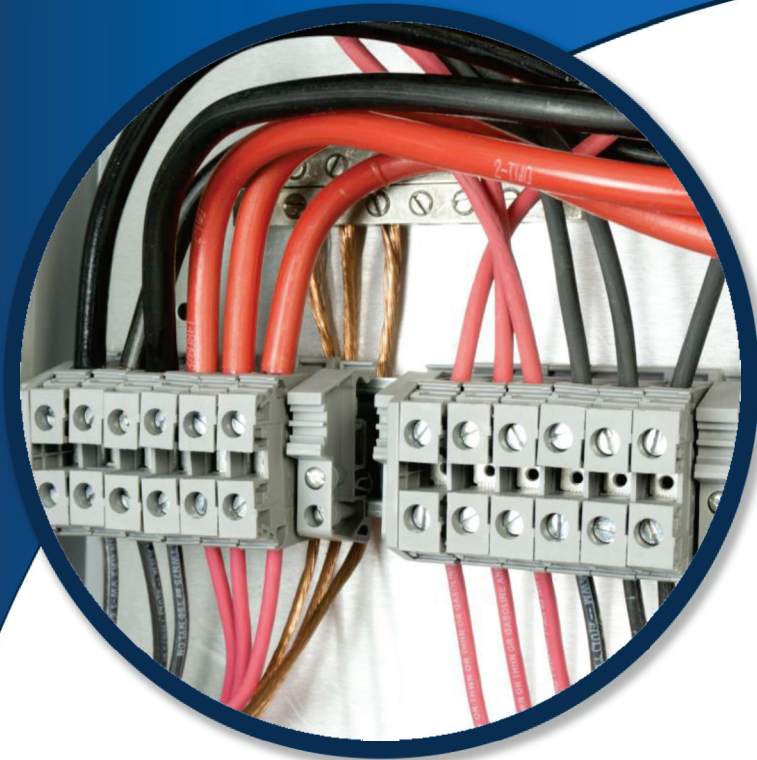
UL Listed enclosure

Applications

FTTA	Outdoor Areas
Wireless	Industrial

2X GROUNDING BLOCK

2X TERMINAL BLOCKS

(14.7)

(16.7)

(8.0)

3X 4-12mm OUTPUTS

3X 50mm INPUT OPENINGS

GROUND

Ordering Information

Part Number	Description
927-xxx	CUSTOMER SPECIFIC, CALL FOR DETAILS

*Please call customer service for additional configurations