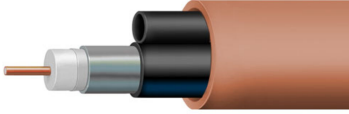


## E#O® Coaxial/Microduct Hybrid Buried Cable



- E#O is a solution that enables service providers the ability to bridge HFC networks to FTTx. The E#O composite coaxial/fiber product line combines fiber, microducts, and coaxial cable preinstalled in conduit
- Serves businesses in a new commercial serving area
- Mitigates future cost of fiber installation
- Pre-installed in high density PE conduit for added physical protection
- One-step installation saves on construction cost
- Ideal for commercial data customers that also require video
- All products tested to industry standards
- \*Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117- 58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

## Product Classification

<b>Regional Availability</b>	North America
<b>Product Type</b>	Coaxial fiber cable-in-conduit
<b>Product Brand</b>	E#O®
<b>Government Funding</b>	Build America Buy America (BABA) compliant*

## General Specifications

<b>Cable Series</b>	P3 625
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## Dimensions

<b>Height</b>	48.26 mm   1.9 in
<b>Width</b>	48.26 mm   1.9 in
<b>Outer Jacket Thickness, nominal</b>	3.835 mm   0.151 in

## Material Specifications

<b>Outer Jacket Material</b>	High density polyethylene (HDPE)
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## Mechanical Specifications

<b>Minimum Bend Radius</b>	508 mm   20 in
<b>Pulling Tension, maximum</b>	659.977 kg   1455 lb

## Environmental Specifications

**Environmental Space** Buried

## Packaging and Weights

**Weight, gross** 836.348 kg/km | 562 lb/kft

## Regulatory Compliance/Certifications

**Agency**

ISO 9001:2015

**Classification**

Designed, manufactured and/or distributed under this quality management system



## Included Products

- 360000000 – ConQuest® Empty Conduit, 12.7 mm, black
- CX3499999 – ConQuest® Empty Conduit, 1 1/2 in, SDR 13.5, terracotta
- 150T135 EMPTY DUCT COEX

# 360000000

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ConQuest® Empty Conduit, 12.7 mm, black

## Product Classification

<b>Product Type</b>	Empty conduit
<b>Product Brand</b>	ConQuest®

## General Specifications

<b>Color</b>	Black
<b>Conduit Type</b>	Non-toneable
<b>Density Test Method</b>	ASTM D792A
<b>Density, maximum</b>	0.955 g/cm <sup>3</sup>   0.035 lb/in <sup>3</sup>
<b>Density, minimum</b>	0.941 g/cm <sup>3</sup>   0.034 lb/in <sup>3</sup>
<b>Design Standard</b>	ASTM D3350-05
<b>Wall Type</b>	Smooth

## Dimensions

<b>Inner Diameter, nominal</b>	10.008 mm   0.394 in
<b>Outer Diameter, nominal</b>	12.7 mm   0.5 in
<b>Wall Thickness, minimum</b>	1.346 mm   0.053 in
<b>Nominal Size</b>	12.7 mm

## Material Specifications

<b>Flexural Modulus, minimum</b>	551.581 N/mm <sup>2</sup>   80000 psi
<b>Flexural Property Test Method</b>	ASTM D790
<b>Hydrostatic Design Basis</b>	Not pressure rated
<b>Hydrostatic Design Test Method</b>	ASTM D2837
<b>Material Type</b>	High density polyethylene (HDPE)
<b>Melt Flow Rate Test Method</b>	ASTM D1238
<b>Melt Flow Rate, maximum</b>	0.39 g/10 min

# 360000000

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## Mechanical Specifications

<b>Minimum Bend Radius, unsupported</b>	152.4 mm   6 in
<b>Tensile Property Test Method</b>	ASTM D638
<b>Tensile Strength at yield, minimum</b>	20.684 N/mm <sup>2</sup>   3000 psi
<b>Pulling Tension, maximum</b>	86.183 kg   190 lb

## Environmental Specifications

<b>Environmental Stress Crack Resistance</b>	Failure rate of 10% within 96 hours
<b>Environmental Stress Test Method</b>	ASTM D1693, ESCR Condition B

## Packaging and Weights

<b>Weight, net</b>	46.133 kg/km   31 lb/kft
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



## \* Footnotes

**Environmental Stress Crack Resistance** ESCR—Environmental Stress Crack Resistance

# CX3499999 | 150T135 EMPTY DUCT COEX



ConQuest® Empty Conduit, 1 1/2 in, SDR 13.5, terracotta

## Product Classification

<b>Product Type</b>	Empty conduit
<b>Product Brand</b>	ConQuest®

## General Specifications

<b>Color</b>	Terracotta
<b>Conduit Type</b>	Non-toneable
<b>Density Test Method</b>	ASTM D792A
<b>Density, maximum</b>	0.955 g/cm <sup>3</sup>   0.035 lb/in <sup>3</sup>
<b>Density, minimum</b>	0.941 g/cm <sup>3</sup>   0.034 lb/in <sup>3</sup>
<b>Design Standard</b>	ASTM D3350-05
<b>Wall Type</b>	Smooth

## Dimensions

<b>Length</b>	914.4 m   3000 ft
<b>Inner Diameter, nominal</b>	40.589 mm   1.598 in
<b>Outer Diameter, nominal</b>	48.26 mm   1.9 in
<b>Wall Thickness Designation</b>	SDR 13.5
<b>Wall Thickness, minimum</b>	3.581 mm   0.141 in
<b>Nominal Size</b>	1-1/2 in

## Material Specifications

<b>Flexural Modulus, minimum</b>	551.581 N/mm <sup>2</sup>   80000 psi
<b>Flexural Property Test Method</b>	ASTM D790
<b>Hydrostatic Design Basis</b>	Not pressure rated
<b>Hydrostatic Design Test Method</b>	ASTM D2837
<b>Material Type</b>	High density polyethylene (HDPE)
<b>Melt Flow Rate Test Method</b>	ASTM D1238

# CX3499999 | 150T135 EMPTY DUCT COEX

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**Melt Flow Rate, maximum** 0.39 g/10 min

## Mechanical Specifications

**Minimum Bend Radius, unsupported** 508 mm | 20 in

**Tensile Property Test Method** ASTM D638

**Tensile Strength at yield, minimum** 20.684 N/mm<sup>2</sup> | 3000 psi

**Pulling Tension, maximum** 659.977 kg | 1455 lb

## Environmental Specifications

**Environmental Stress Crack Resistance** Failure rate of 10% within 96 hours

**Environmental Stress Test Method** ASTM D1693, ESCR Condition B

## Packaging and Weights

**Weight, net** 511.928 kg/km | 344 lb/kft

## Regulatory Compliance/Certifications

### Agency

ISO 9001:2015

### Classification

Designed, manufactured and/or distributed under this quality management system



## \* Footnotes

**Environmental Stress Crack Resistance** ESCR—Environmental Stress Crack Resistance