



ConQuest® Cable in Conduit, 3/4 in, SDR 13.5, terracotta (F1177TSEF XP), Build America Buy America (BABA)

- \*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 cable-in-conduit
<b>Product Brand</b>	ConQuest®
<b>Product Series</b>	11 Series
<b>Government Requirements</b>	Build America Buy America (BABA) compliant*

## General Specifications

<b>Cable Type</b>	Series 11
<b>Cable-In-Conduit Type</b>	Drop in duct
<b>Color</b>	Terracotta
<b>Conduit Type</b>	Non-toneable
<b>Location of Manufacturing</b>	Catawba, North Carolina
<b>Wall Type</b>	Smooth

## Dimensions

<b>Length</b>	304.8 m   1000 ft
<b>Wall Thickness Designation</b>	SDR 11
<b>Nominal Size</b>	3/4 in

## Packaging and Weights

<b>Weight, net</b>	284.239 kg/km   191 lb/kft
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## Included Products

# CX3120081 | 075T110F1177TSEF XP COEX

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CX3199976  
075T135 EMPTY DUCT COEX

ConQuest® Empty Conduit, 3/4 in, SDR 13.5, terracotta

# CX3199976 | 075T135 EMPTY DUCT COEX



ConQuest® Empty Conduit, 3/4 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>	304.8 m   1000 ft
<b>Inner Diameter, nominal</b>	22.2 mm   0.874 in
<b>Outer Diameter, nominal</b>	26.67 mm   1.05 in
<b>Wall Thickness Designation</b>	SDR 13.5
<b>Wall Thickness, minimum</b>	1.981 mm   0.078 in
<b>Nominal Size</b>	3/4 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

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

## Mechanical Specifications

**Minimum Bend Radius, unsupported** 304.8 mm | 12 in

**Tensile Property Test Method** ASTM D638

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

**Pulling Tension, maximum** 229.064 kg | 505 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** 165.186 kg/km | 111 lb/kft

## Regulatory Compliance/Certifications

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

## \* Footnotes

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