

ConQuest® Cable in Conduit, 1/2 in, SDR 11, terracotta (F677TSEF)



Product Classification

Product Type	Coaxial cable-in-conduit
Product Brand	ConQuest®
Product Series	6 Series

General Specifications

Cable Type	Series 6
Cable-In-Conduit Type	Drop in duct
Color	Terracotta
Conduit Type	Non-toneable
Wall Type	Smooth

Dimensions

Length	304.8 m   1000 ft
Wall Thickness Designation	SDR 11
Nominal Size	1/2 in

Packaging and Weights

Weight, net	165.186 kg/km   111 lb/kft
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Included Products

3099999	–	ConQuest® Empty Conduit, 1/2 in, SDR 11, terracotta
050T110 EMPTY DUCT		

ConQuest® Empty Conduit, 1/2 in, SDR 11, terracotta



Product Classification

Product Type	Empty conduit
Product Brand	ConQuest®

General Specifications

Color	Terracotta
Conduit Type	Non-toneable
Density Test Method	ASTM D792A
Density, maximum	0.955 g/cm³   0.035 lb/in³
Density, minimum	0.941 g/cm³   0.034 lb/in³
Design Standard	ASTM D3350-05
Wall Type	Smooth

Dimensions

Length	304.8 m   1000 ft
Inner Diameter, nominal	16.967 mm   0.668 in
Outer Diameter, nominal	21.336 mm   0.84 in
Wall Thickness Designation	SDR 11
Wall Thickness, minimum	1.93 mm   0.076 in
Nominal Size	1/2 in

Material Specifications

Flexural Modulus, minimum	551.581 N/mm²   80000 psi
Flexural Property Test Method	ASTM D790
Hydrostatic Design Basis	Not pressure rated
Hydrostatic Design Test Method	ASTM D2837

# 30999999 | 050T110 EMPTY DUCT

Material Type	High density polyethylene (HDPE)
Melt Flow Rate Test Method	ASTM D1238
Melt Flow Rate, maximum	0.39 g/10 min

## Mechanical Specifications

Minimum Bend Radius, unsupported	254 mm   10 in
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	20.684 N/mm <sup>2</sup>   3000 psi
Pulling Tension, maximum	176.901 kg   390 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	126.494 kg/km   85 lb/kft
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## 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
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