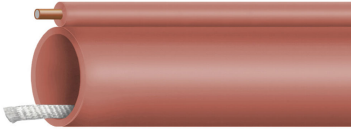


3299116 | 100T(TD)135WP1250TAPE



Toneable ConQuest® Empty Conduit, 1 in, SDR 13.5, terracotta, with pull tape

OBSOLETE

Product Classification

Product Type	Empty conduit
Product Brand	ConQuest®

General Specifications

Color	Terracotta
Conductor Elongation, maximum	30 %
Conductor Type	Solid
Conduit Type	Toneable
Density Test Method	ASTM D792A
Density, maximum	0.955 g/cm ³ 0.035 lb/in ³
Density, minimum	0.941 g/cm ³ 0.034 lb/in ³
Design Standard	ASTM D3350-05
Wall Type	Smooth

Dimensions

Length	3000 ft 914.4 m
Conductor Diameter	0.04 in 1.024 mm
Inner Diameter, nominal	1.101 in 27.965 mm
Outer Diameter, nominal	1.315 in 33.401 mm
Wall Thickness Designation	SDR 13.5
Wall Thickness, minimum	0.097 in 2.464 mm

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Nominal Size	1 in
Conductor Gauge	18 AWG

Electrical Specifications

Conductor Resistance	30 ohms/kft 98.425 ohms/km
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Material Specifications

Conductor Material Type	Copper-clad steel (CCS)
Flexural Modulus, minimum	80000 psi 551.581 N/mm ²
Flexural Property Test Method	ASTM D790
Hydrostatic Design Basis	Not pressure rated
Hydrostatic Design Test Method	ASTM D2837
Material Type	High density polyethylene (HDPE) Polyester
Melt Flow Rate Test Method	ASTM D1238
Melt Flow Rate, maximum	0.39 g/10 min

Mechanical Specifications

Minimum Bend Radius, unsupported	14 in 355.6 mm
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	3000 psi 20.684 N/mm ²
Breaking Strength	1250 lb 566.99 kg
Conductor Tensile Strength, minimum	50000 psi 344.738 N/mm ²
Pull Line Type	Tape
Pulling Tension Note	Applies to products manufactured after December 31, 2012
Pulling Tension, maximum	790 lb 358.338 kg

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	169 lb/kft 251.5 kg/km
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Regulatory Compliance/Certifications

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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