

## Broadband Solutions

3799143 | 200E(TD)135WP1100TAPE 1K'

**Toneable ConQuest® Empty Conduit, 2 in, SDR 13.5, green, with pull tape**



## Dimensions

Nominal Size	2 in
Wall Thickness Designation	SDR 13.5
Inner Diameter, nominal	50.876 mm   2.003 in
Length	304.80 m   1000.00 ft
Outer Diameter, nominal	60.325 mm   2.375 in
Wall Thickness, minimum	4.470 mm   0.176 in
Weight	532.0 lb/kft

## General Specifications

Color	Green
Conduit Type	Toneable
Wall Type	Smooth
Brand	ConQuest®
Warranty	One year

## Material Specifications

Density Test Method	ASTM D792A
Density, maximum	0.955 g/cm <sup>3</sup>
Density, minimum	0.941 g/cm <sup>3</sup>
Design Standard	ASTM D3350-05
Environmental Stress Crack Resistance	Failure rate of 10% within 96 hours
Environmental Stress Test Method	ASTM D1693, ESCR Condition B
Flexural Modulus, minimum	552 N/mm <sup>2</sup>   80000 psi
Flexural Property Test Method	ASTM D790
Hydrostatic Design Basis	Not pressure rated
Hydrostatic Design Test Method	ASTM D2837
Material Type	High density polyethylene (HDPE)
Melt Flow Rate Test Method	ASTM D1238
Melt Flow Rate, maximum	0.39 g/10 min
Tensile Property Test Method	ASTM D638
Tensile Strength at yield, minimum	21 N/mm <sup>2</sup>   3000 psi

## Mechanical Specifications

Minimum Bend Radius, unsupported	660.4 mm   26.0 in
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Pulling Tension, maximum 1170.3 kg | 2580.0 lb  
Pulling Tension Note Applies to products manufactured after December 31, 2012

## Pull Line Specifications

Breaking Strength 499.0 kg | 1100.0 lb  
Material Type Polyester  
Pull Line Type Tape

## Tone Wire Specifications

Conductor Diameter 1.0236 mm | 0.0403 in  
Conductor Elongation, maximum 1 %  
Conductor Gauge 18 AWG  
Conductor Resistance 26.7 ohms/kft  
Conductor Tensile Strength, minimum 827 N/mm<sup>2</sup> | 120000 psi  
Conductor Type Solid  
Insulation Dielectric Strength 3200 V/mil  
Insulation Elongation, minimum 250 %  
Insulation Material Type Fluoropolymer coated copper-clad steel wire  
Insulation Tensile Strength, minimum 21 N/mm<sup>2</sup> | 3000 psi  
Insulation Thickness, nominal 0.203 mm | 0.008 in

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

### \* Footnotes

Environmental Stress Crack Resistance ESCR—Environmental Stress Crack Resistance