

Broadband Solutions

3399139 | 125O(TD)135WP1100TAPE

Toneable ConQuest® Empty Conduit, 1 1/4 in, SDR 13.5, orange, with pull tape



Dimensions

Nominal Size	1-1/4 in
Wall Thickness Designation	SDR 13.5
Inner Diameter, nominal	35.408 mm 1.394 in
Length	914.40 m 3000.00 ft
Outer Diameter, nominal	42.164 mm 1.660 in
Wall Thickness, minimum	3.124 mm 0.123 in
Weight	265.0 lb/kft

General Specifications

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

Material Specifications

Density Test Method	ASTM D792A
Density, maximum	0.955 g/cm ³
Density, minimum	0.941 g/cm ³
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 ² 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 ² 3000 psi

Mechanical Specifications

Minimum Bend Radius, unsupported	457.2 mm 18.0 in
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Product Specifications



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Pulling Tension, maximum 571.5 kg | 1260.0 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/mm² | 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/mm² | 3000 psi

Insulation Thickness, nominal 0.203 mm | 0.008 in

Regulatory Compliance/Certifications

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

Environmental Stress Crack Resistance ESCR—Environmental Stress Crack Resistance