

Product Specifications

COMMSCOPE®

Broadband Solutions

CX3899973 | 300B110 EMPTY DUCT COEX
ConQuest® Empty Conduit, 3 in, SDR 11, black



Dimensions

Nominal Size	3 in
Wall Thickness Designation	SDR 11
Inner Diameter, nominal	71.780 mm 2.826 in
Length	304.80 m 1000.00 ft
Outer Diameter, nominal	88.900 mm 3.500 in
Wall Thickness, minimum	8.077 mm 0.318 in
Weight	1386.0 lb/kft

General Specifications

Color	Black
Conduit Type	Non-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 1219.2 mm | 48.0 in

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Pulling Tension, maximum 3057.2 kg | 6740.0 lb

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