

Broadband Solutions

CX3799718 | 200B110 EMPTY DUCT COEX

ConQuest® Empty Conduit, 2 in, SDR 11, black



Dimensions

| | |
|----------------------------|-----------------------|
| Nominal Size | 2 in |
| Wall Thickness Designation | SDR 11 |
| Inner Diameter, nominal | 48.692 mm 1.917 in |
| Length | 762.00 m 2500.00 ft |
| Outer Diameter, nominal | 60.325 mm 2.375 in |
| Wall Thickness, minimum | 5.486 mm 0.216 in |
| Weight | 640.0 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 | 660.4 mm 26.0 in |
|----------------------------------|--------------------|

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Pulling Tension, maximum 1408.4 kg | 3105.0 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