

Fiber Optic Cable, 12-fiber, OM3, 1000 m, aqua

## Product Classification

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Portfolio</b>             | NETCONNECT®                         |
| <b>Product Type</b>          | Fiber indoor/outdoor cable          |
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA |

## Standards And Qualifications

|                                    |                    |
|------------------------------------|--------------------|
| <b>EN50575 CPR Cable EuroClass</b> | Dca   s2   d2   a1 |
|------------------------------------|--------------------|

## Optical Specifications, Wavelength Specific

|                             |   |
|-----------------------------|---|
| <b>Attenuation, maximum</b> | 1.00 dB/km @ 1300 nm<br>3.50 dB/km @ 850 nm |
| <b>Standards Compliance</b> | IEC 60794-1   TIA-492AAAC (OM3)             |

## General Specifications

|                     |            |
|---------------------|------------|
| <b>Cable Type</b>   | Loose tube |
| <b>Subunit Type</b> | Gel-free   |

## Construction Materials

|                                     |      |
|-------------------------------------|------|
| <b>Total Fiber Count</b>            | 12   |
| <b>Fiber Type</b>                   | OM3  |
| <b>Fibers per Subunit, quantity</b> | 12   |
| <b>Jacket Color</b>                 | Aqua |

## Dimensions

|                             |                   |
|-----------------------------|-------------------|
| <b>Cable Length</b>         | 1000 m   3281 ft  |
| <b>Cable Weight</b>         | 47.0 kg/km        |
| <b>Diameter Over Jacket</b> | 6.40 mm   0.25 in |

## Physical Specifications

|  |                   |
|--|-------------------|
| <b>Minimum Bend Radius, loaded</b>       | 140.0 mm   5.5 in |
| <b>Minimum Bend Radius, unloaded</b>     | 129.8 mm   5.1 in |
| <b>Tensile Load, long term, maximum</b>  | 650 N   146 lbf   |
| <b>Tensile Load, short term, maximum</b> | 1250 N   281 lbf  |

## Environmental Specifications

|                                 |  |
|---------------------------------|--|
| <b>Environmental Space</b>      | Universal Low Smoke Zero Halogen (ULSZH) |
| <b>Installation Temperature</b> | -5 °C to +50 °C (+23 °F to +122 °F)      |
| <b>Operating Temperature</b>    | -10 °C to +70 °C (+14 °F to +158 °F)     |
| <b>Storage Temperature</b>      | -10 °C to +70 °C (+14 °F to +158 °F)     |

## Regulatory Compliance/Certifications

| <b>Agency</b>   | <b>Classification</b>  |
|-----------------|--|
| RoHS 2011/65/EU | Compliant  |
| CENELEC         | EN 50575 compliant, Declaration of Performance (DoP) available |



### \* Footnotes

**Operating Temperature** Specification applicable to non-terminated bulk fiber cable