

2-599624-3

**Fiber Optic Cable, 8-fiber, OM3, 2000 m, aqua**

## Body Features

|                                 |                        |
|---------------------------------|------------------------|
| Cable Color                     | Aqua                   |
| Cable Construction              | 1 x 8                  |
| Bend Radius (Installation)      | 130.05 mm   5.12 in    |
| Bend Radius (Long Term)         | 80.00 mm   3.15 in     |
| Tensile Strength (Installation) | 1249.95 N   281.00 lbf |
| Tensile Strength (Long Term)    | 650.00 N   146.13 lbf  |
| Weight (Nominal)                | 48.0 kg/km             |

## Configuration Features

|                   |   |
|-------------------|---|
| Number of Fibers  | 8 |
| Number of Fillers | 1 |

## Dimensions

|                  |                        |
|------------------|------------------------|
| Length           | 1999.99 m   6561.66 ft |
| Outside Diameter | 6.40 mm   0.25 in      |

## Industry Standards

|                     |  |
|---------------------|--|
| Flammability Rating | ULSZH (Universal Low Smoke Zero Halogen) |
|---------------------|--|

## Operation/Application

|             |         |
|-------------|---------|
| Environment | Outdoor |
|-------------|---------|

## Product Availability

|        |                                     |
|--------|-------------------------------------|
| Region | Asia   Australia/New Zealand   EMEA |
|--------|-------------------------------------|

## Product Type Features

|                       |                        |
|-----------------------|------------------------|
| Product Type          | Cable                  |
| Fiber Type            | OM3                    |
| Armoring              | None                   |
| Cable Type            | Fiber Optic            |
| Fiber Cable Buffering | Loose tube, gel-filled |
| Fiber Diameter        | 50/125 $\mu$ m         |
| Fiber Specification   | IEC 60794-1            |
| System                | AMP NETCONNECT         |

## Signal Characteristics

|                               |            |
|-------------------------------|------------|
| Attenuation, maximum (1300nm) | 1.00 dB/km |
| Attenuation, maximum (850nm)  | 3.50 dB/km |

## Usage Conditions

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Installation Temperature Range    -5 – 50 °C  
Operating Temperature Range       -20 – 70 °C   |   -4 – 158 °F  
Storage Temperature Range           -20 – 70 °C

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant