



**Product:** [HD4D0060220RJ](#)

Indoor/Outdoor Hybrid Copper-Fiber Cable, OM4, 6 Distribution Fibers, #20-2c, CMR-OF

## Product Description

FX HYBRID INDOOR/OUTDOOR, OM4, DISTRIBUTION, 6 FIBERS, 02 x 20AWG, CMR-OF, 4.5MM SUB X 900UM, BLACK JACKET

## Technical Specifications

|              |               |
|--------------|---------------|
| Part Number: | HD4D0060220RJ |
|--------------|---------------|

### Product Overview

|                        |                |
|------------------------|----------------|
| Suitable Applications: | Indoor/Outdoor |
|------------------------|----------------|

### Construction

#### Fiber Cable Construction

| Fiber Type | Fiber Count | Subunit Color |
|------------|-------------|---------------|
| OM4        | 6           | Erika Violet  |

|                     |                                         |
|---------------------|-----------------------------------------|
| Fiber Color Coding: | Blue, Orange, Green, Brown, Gray, White |
|---------------------|-----------------------------------------|

#### Buffer Specification

| Buffer Material | Buffer Diameter |
|-----------------|-----------------|
| PVC             | 900 µm          |

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 62 lbs/1000ft |
|--------------------|---------------|

### SubUnit Specifications

|                     |                  |
|---------------------|------------------|
| Fibers Per Subunit: | 6                |
| SubUnit Diameter:   | 0.220 in (5.6mm) |

### Jacket Specifications

|                  |   |
|------------------|---|
| Conductor Count: | 2 |
|------------------|---|

#### Outer Jacket Material

| Nominal Diameter  |
|-------------------|
| 0.420 in (10.7mm) |

|                                  |       |
|----------------------------------|-------|
| Outer Jacket Color:              | Black |
| Number of Outer Jacket Ripcords: | 1     |

### Optical Characteristics

|                             |           |
|-----------------------------|-----------|
| Fiber Core Diameter:        | 50/125µm  |
| Max Attenuation at 1300 nm: | 1.0 dB/km |
| Max Attenuation at 850 nm:  | 3.0 dB/km |

### Mechanical Characteristics

#### Mechanical Tests

| Description                                           | Requirement/Value |
|-------------------------------------------------------|-------------------|
| Cable Min. Bend Radius Installation (Short Term)      | 15x Cable OD      |
| Cable Min. Bend Radius Operation (Long Term)          | 10x Cable OD      |
| Cable Max. Tensile Strength Installation (Short Term) | 135 N (600 lbf)   |

|                                                   |                |
|---------------------------------------------------|----------------|
| Cable Max. Tensile Strength Operation (Long Term) | 40 N (180 lbf) |
|---------------------------------------------------|----------------|

## Temperature Range

|                          |                |
|--------------------------|----------------|
| Operating Temp Range:    | -40°C to +70°C |
| Installation Temp Range: | -10°C to +60°C |
| Storage Temp Range:      | -40°C to +70°C |

## Standards

|                               |                |
|-------------------------------|----------------|
| UL Rating/Flame Test:         | Riser          |
| NEC/(UL) Specification:       | CMR-OF         |
| Telecommunications Standards: | ICEA S-120-742 |
| REACH:                        | Complies       |
| RoHS:                         | Complies       |

## History

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.12 Revision Date: 10-28-2019 |
|----------------------|-------------------------------------------------|

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