



**Product:** [HD3B0020214PC](#)

Indoor/Outdoor Hybrid Copper-Fiber Cable, OM3, 2 Breakout Fibers, #14-2c, CL3P-OF

**Product Description**

FX HYBRID INDOOR/OUTDOOR, OM3, BREAKOUT 3.0MM, 2 FIBERS, 02 x 14AWG, CL3P-OF, 3.0MM SUB (1F X 900UM), BLACK JACKET

**Technical Specifications**

|              |               |
|--------------|---------------|
| Part Number: | HD3B0020214PC |
|--------------|---------------|

**Product Overview**

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

**Construction**

**Fiber Cable Construction**

| Fiber Type | Fiber Count | Subunit Color | Subunit Color 2 |
|------------|-------------|---------------|-----------------|
| OM3        | 2           | Aqua          | Aqua            |

|                     |       |
|---------------------|-------|
| Fiber Color Coding: | White |
|---------------------|-------|

**Buffer Specification**

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

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 68 lbs/1000ft |
|--------------------|---------------|

**SubUnit Specifications**

|                     |                  |
|---------------------|------------------|
| Fibers Per Subunit: | 1                |
| SubUnit Diameter:   | 0.118 in (3.0mm) |

**Jacket Specifications**

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

**Outer Jacket Material**

| Nominal Diameter |
|------------------|
| 0.366 in (9.3mm) |

|                     |       |
|---------------------|-------|
| Color:              | Black |
| Number of 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: | 0°C to +60°C   |
| Storage Temp Range:      | -40°C to +70°C |

## Standards

|                       |                |
|-----------------------|----------------|
| UL Rating/Flame Test: | Plenum         |
| NEC/(UL) Compliance:  | CL3P-OF        |
| TIA/EIA Compliance:   | ICEA S-120-742 |
| REACH:                | Complies       |
| RoHS:                 | Complies       |

## History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.32 Revision Date: 07-15-2020 |
|----------------------|---|

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