

IMAGE COMING SOON

# Product: HD3B0020214RB

Indoor/Outdoor Hybrid Copper-Fiber Cable, OM3, 2 Breakout Fibers, 2.0mm Sub-units, #14-2c, CL3R-OF

# **Product Description**

FX HYBRID INDOOR/OUTDOOR, OM3, BREAKOUT, 2 FIBERS, 02 x 14AWG, CL3R-OF, SUB-UNIT 2.0MM (1F X 900UM), BLACK JACKET

Technical Specifications         Part Number:       HD3B0020214RB         Product Overview         Suitable Applications:       Indoor/Outdoor         Suitable Applications:       Indoor/Outdoor         Constructor       Indoor/Outdoor         Fiber Cable Construction       Subunit Color 2         OM3       2       Aqua         Aqua       Aqua         Fiber Color Coling:       White         Buffer Specifications:       White         Buffer Specifications:       62 lbs/1000ft         Bulk Cable Weight:       62 lbs/1000ft         SubUnit Diameter:       0.079 in (2.0mm)         Jacket Specifications:       2         Conductor Count:       2         Outor Jacket Specifications:       2         Conductor Count:       2         Conductor Count:       2         Nominal Diameter       2         Olor:       Black         Number of Ripcords:       1					
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       White         Buffer Specification       Buffer Diameter       PVC       900 µm         Bulk Cable Weight:       62 lbs/1000ft       SubUnit       SubUnit         SubUnit Diameter:       0.079 in (2.0mm)       Onter SubUnit       1         Subunit Diameter:       0.079 in (2.0mm)       Subunit       Subunit         Jacket Specifications       2       Suburit (2.0mm)       Subunit (2.0mm)         Jacket Specifications:       1       Subunit (2.0mm)       Subunit (2.0mm)         Jacket Specifications:       2       Subunit (2.0mm)       Subunit (2.0mm)         Jacket Specifications:       2       Subunit (2.0mm)       Subunit (2.0mm)         Suburit Diameter:       2       Suburit (2.0mm)       Suburit (2.0mm)         Jacket Jacket Material       Suburit (2.0mm)       Suburit (2.0mm)       Suburit (2.0mm)         Suburit Diameter       2       Suburit (2.0mm)       Suburit (2.0mm)       Suburit (2.0mm) <td< th=""><th></th><th>Specifi</th><th></th><th>14RB</th><th></th></td<>		Specifi		14RB	
Construction	Product Ove	erview			
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:       62 lbs/1000ft         SubUnit Specifications         Fibers Per Subunit:       1         Subunit Diameter:       0.079 in (2.0mm)         Jacket Specifications         Conductor Count:       2         Outer Jacket Material         Nominal Diameter       2         0.333 in (8.5mm)       Black	Suitable Application	tions:	Indoor/Outdo	or	
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 62 lbs/1000ft SubUnit Specifications Fibers Per Subunit: 1 Subunit Diameter: 0.079 in (2.0mm) Jacket Specifications Conductor Count: 2 Conductor Count: 2 Codor:: Black	Constructio	n			
OM3       2       Aqua       Aqua         Fiber Color Coding:       White         Buffer Specification:       Buffer Diameter         PVC       900 μm         Bulk Cable Weight:       62 lbs/1000ft         SubUnit Specification:       1         SubUnit Diameter:       0.079 in (2.0mm)         Jacket Specification:       2         Conductor Count:       2         Nominal Diameter:       Black	Fiber Cable Con	struction			
Fiber Color Coding:     White       Buffer Specification     Buffer Diameter       PVC     900 µm       Bulk Cable Weight:     62 lbs/1000ft       SubUnit Specifications     52 lbs/1000ft       Fibers Per Subunit:     1       SubUnit Diameter:     0.079 in (2.0mm)       Jacket Specifications     2       Conductor Count:     2       Nominal Diameter     0.333 in (8.5mm)       Color:     Black	Fiber Type Fib	er Count	Subunit Color	Subunit Color 2	
Buffer Specification Buffer Material Buffer Diameter PVC 900 µm  Bulk Cable Weight: 62 lbs/1000ft  BubUnit Specifications Fibers Per Subunit: 1 SubUnit Diameter: 0.079 in (2.0mm)  Jacket Specifications Conductor Count: 2 Conductor Count: 0.333 in (8.5mm) Color: Black	OM3 2		Aqua	Aqua	
Buffer Material       Buffer Diameter         PVC       900 µm         Bulk Cable Weight:       62 lbs/1000ft         SubUnit Specifications       52 lbs/1000ft         SubUnit Specifications       0.079 in (2.0mm)         Jacket Specifications       0.079 in (2.0mm)         Outer Jacket Material       2         Nominal Diameter       0.333 in (8.5mm)         Color:       Black	Fiber Color Codi	ing:	White		
PVC       900 μm         Bulk Cable Weight:       62 lbs/1000ft         SubUnit Specifications       1         Subunit Diameter:       0.079 in (2.0mm)         Jacket Specifications       2         Conductor Count:       2         Nominal Diameter:       0.333 in (8.5mm)         Color:       Black	Buffer Specificat	tion			
Bulk Cable Weight:     62 lbs/1000ft       SubUnit Specifications     1       Fibers Per Subunit:     1       Subunit Diameter:     0.079 in (2.0mm)       Jacket Specifications     2       Conductor Count:     2       Outer Jacket Material     Variant Diameter       Nominal Diameter     0.333 in (8.5mm)       Color:     Black	Buffer Material	Buffer D	iameter		
SubUnit Specifications         Fibers Per Subunit:       1         Subunit Diameter:       0.079 in (2.0mm)         Jacket Specifications         Conductor Count:       2         Outer Jacket Material         Nominal Diameter         0.333 in (8.5mm)         Color:       Black	PVC	900 µm			
Fibers Per Subunit:     1       Subunit Diameter:     0.079 in (2.0mm)       Jacket Specifications     2       Conductor Count:     2       Outer Jacket Material     Vominal Diameter       0.333 in (8.5mm)     Black	Bulk Cable Weig	ght:	62 lbs/1000ft		
Subunit Diameter:     0.079 in (2.0mm)       Jacket Specifications     2       Conductor Count:     2       Outer Jacket Material     Value of the second of the se	SubUnit Spe	cificati	ons		
Jacket Specifications       Conductor Count:     2       Outer Jacket Material       Nominal Diameter       0.333 in (8.5mm)       Color:     Black	Fibers Per Subu	nit:	1		
Conductor Count:     2       Outer Jacket Material       Nominal Diameter       0.333 in (8.5mm)       Color:     Black	Subunit Diameter:		0.079 in (2.0r	0.079 in (2.0mm)	
Outer Jacket Material       Nominal Diameter       0.333 in (8.5mm)       Color:     Black	Jacket Spec	ificatio	ns		
Nominal Diameter       0.333 in (8.5mm)       Color:     Black	Conductor Coun	ıt:	2		
0.333 in (8.5mm) Color: Black	Outer Jacket Ma	terial			
Number of Ripcords: 1	Color:		Black		
	Number of Ripco	ords:	1		

### **Optical Characteristics**

Fiber Core Diameter:	50/125 μm
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)	600 lbf (2700 N (NaN lbf)
Cable Max. Tensile Strength Operation (Long Term)	180 lbf (810 N (NaN 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) Compliance:	CL3R-OF
TIA/EIA Compliance:	ICEA S-120-742
REACH:	Complies
RoHS:	Complies

## History

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