



acclAIM has redefined fiber architecture, replacing cassette-based solutions with direct connections, which eliminates extra components, and cost. acclAIM delivers the lowest insertion loss available on the market, the most optical headroom, improved density, flexibility and system lifecycle. The acclAIM™ Alignment Independent Multifiber (AIM) fiber interconnect system is designed to mate multiples of 8-fiber trunk cable connectors directly to arrays of twin-fiber patch cord connectors by means of a “conversion adapter”

## Features & Benefits

**Minimize Loss – Maximize Optical Headroom: Lowest loss pre-term Solution, Minimize or eliminate need for splicing, Maximize optical headroom to overcome barriers to performance**  
**Smarter Design– Longer Lifecycle:** A simple design, adjustable polarity and fewer components. acclAIM delivers high performance and a multi-generational lifecycle. This means a sustainable building asset that lasts decades with just one installation.

**Ultra-High Density Plus (UHD+):** Make the most of each rack unit (RU) with UHD+ offering up to 192 fibers per RU (33% more than High Density)  
**Simplify Connectivity:** No gender or pin issues—just direct connections. Direct-Mating Breakout allows acclAIM connectors to mate with 2-fiber MDC duplex patch cords. Polarity adapts to any link setup, whether preplanned, on-site, or adjusted on the fly.

**Reduce Labor – Lower Cost:** 40% faster install; 60% faster removal; Single link testing after mating; Faster moves adds & changes  
**Approaching Infinite Scalability:** Based on the simplified design, unparalleled performance, and architecture flexibility, Infinium acclAIM has an almost limitless migration path

**Go Live Faster** Typical Total Channel Connection Loss: MM .45 dB, SM .40 dB

## Specifications

### General Info

Product Line	Ortronics	Color	Yellow
Country Of Origin	United States	Construction	Micro Array
Features	Direct Mating Breakout	Connector Color	Blue
Application Sector	Commercial	Standard	TIA-568.3-E
Warranty Type	5-Year	Type	Fiber Cable
Boot Color	Black		

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## Dimensions

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Product Length US	7.0 m	Cable Length	7 m
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## Technical Information

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Fiber Optic Cable Type	OS2	Operating Temperature Min	0 °C
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Bend Radius	90 mm	Number of Fanout Cables	6
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Polish Type	UPC	Polarity Type	C
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Operating Temperature Max	70 °C	Jacket Rating	CMP Rated
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Cable Diameter	7.9 mm	Fanout Cable Diameter	2 mm
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Return Loss	55 dB	Fanout Cable Length	24 in
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Number of Fibers	48	Connector 2	acclAIM
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Connector 1	acclAIM	Operating Temperature	0°-70°C
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Durability	Max IL of 0.3 dB at 200 cycles per TIA-568.3-E	Maximum Insertion Loss	0.3 dB
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Typical Insertion Loss	0.1 dB	Storage Temperature	-40° - 70° C
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