



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 | | |

Dimensions

| | | | |
|-------------------|-------|--------------|-----|
| Product Length US | 5.0 m | Cable Length | 5 m |
|-------------------|-------|--------------|-----|

Technical Information

| | | | |
|------------------------|-----|---------------------------|------|
| Fiber Optic Cable Type | OS2 | Operating Temperature Min | 0 °C |
|------------------------|-----|---------------------------|------|

| | | | |
|-------------|-------|-------------------------|---|
| Bend Radius | 90 mm | Number of Fanout Cables | 6 |
|-------------|-------|-------------------------|---|

| | | | |
|-------------|-----|---------------|---|
| Polish Type | UPC | Polarity Type | C |
|-------------|-----|---------------|---|

| | | | |
|---------------------------|-------|---------------|-----------|
| Operating Temperature Max | 70 °C | Jacket Rating | CMP Rated |
|---------------------------|-------|---------------|-----------|

| | | | |
|----------------|--------|-----------------------|------|
| Cable Diameter | 7.9 mm | Fanout Cable Diameter | 2 mm |
|----------------|--------|-----------------------|------|

| | | | |
|-------------|-------|---------------------|-------|
| Return Loss | 55 dB | Fanout Cable Length | 24 in |
|-------------|-------|---------------------|-------|

| | | | |
|------------------|----|-------------|---------|
| Number of Fibers | 48 | Connector 2 | acclAIM |
|------------------|----|-------------|---------|

| | | | |
|-------------|---------|-----------------------|---------|
| Connector 1 | acclAIM | Operating Temperature | 0°-70°C |
|-------------|---------|-----------------------|---------|

| | | | |
|------------|--|------------------------|--------|
| Durability | Max IL of 0.3 dB at 200 cycles per TIA-568.3-E | Maximum Insertion Loss | 0.3 dB |
|------------|--|------------------------|--------|

| | | | |
|------------------------|--------|---------------------|--------------|
| Typical Insertion Loss | 0.1 dB | Storage Temperature | -40° - 70° C |
|------------------------|--------|---------------------|--------------|
