



INFINIUM *acclAIM* TRUNK CABLE ASSEMBLY

INFINIUM CORE

Infinium *acclAIM* Trunk Cable Assembly

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 and 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

Longer Lifecycle — Single Installation

- Bandwidth Continually Increases, Forcing Optical Loss Budgets To Decrease. *acclAIM* Offers The Industry's Lowest Optical Loss By A Significant Margin – Maximizing Lifecycle And Providing A Sustainable Building Asset For Decades

Simplify Connectivity

- No Gender Considerations — No Pins, Just Direct Connections
- Direct Mating Breakout — *acclAIM* Connectors Mate Directly To An Array Of 2-fiber MDC Duplex Patch Cords
- Application Defined Polarity — Polarity Can Be Adapted To Nearly Any Link Configuration; Preplanned, On-site, Or On The Fly With No Options To Determine When Ordering Or Designing
- Improved Accessibility — With The Increased Density Of Each Connector And A Smaller Footprint Enabled By *acclAIM*, There Is More Room To Work On Each Panel

Reduce Labor — Lower Cost

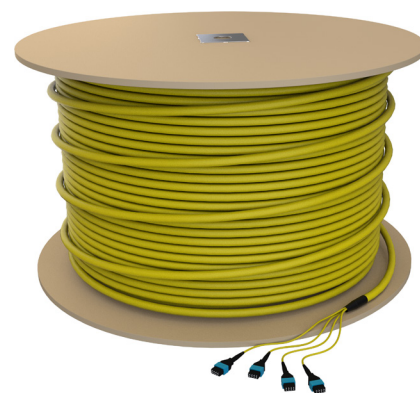
- 40% Faster Install
- 60% Faster Removal
- Single Link Testing After Mating
- Faster Moves Adds & Changes

Approaching Infinite Scalability

- Based On The Simplified Design, Unparalleled Performance, and Architecture Flexibility, Infinium *acclAIM* Has An Almost Limitless Migration Path

Go Live Faster

- Easy To Stock And Short Lead Times For Conversion Adapters Enable Rapid Or Emergency Deployment



INFINIUM acclAIM FIBER TRUNK CABLE ASSEMBLY

INFINIUM CORE

ORDERING INFORMATION - INFINIUM CORE

| Part Number | Description | Fiber Type | Fiber Count | Polarity | Jacket Type | Length | UoM |
|-----------------------|---------------|------------|-------------|----------|-------------|--------|-------|
| CAMAMC37S5JMM1xxxM(F) | Infinium Core | OS2 | 8 | C | Plenum | xxx | M / F |
| CAMAMC37S5EMM1xxxM(F) | Infinium Core | OM4 | 8 | C | Plenum | xxx | M / F |
| CAMAMC37S5HMM1xxxM(F) | Infinium Core | OM5 | 8 | C | Plenum | xxx | M / F |
| CAMAMC63SAJMM1xxxM(F) | Infinium Core | OS2 | 24 | C | Plenum | xxx | M / F |
| CAMAMC63SAEMM1xxxM(F) | Infinium Core | OM4 | 24 | C | Plenum | xxx | M / F |
| CAMAMC63SAHMM1xxxM(F) | Infinium Core | OM5 | 24 | C | Plenum | xxx | M / F |
| CAMAMC63SEJMM1xxxM(F) | Infinium Core | OS2 | 48 | C | Plenum | xxx | M / F |
| CAMAMC63SEMM1xxxM(F) | Infinium Core | OM4 | 48 | C | Plenum | xxx | M / F |
| CAMAMC63SEHMM1xxxM(F) | Infinium Core | OM5 | 48 | C | Plenum | xxx | M / F |

Note: UOM = Unit of Measure - (M) Meters / (F) Feet

Note: Other Pre-Configured options are available or trunks can be fully customized to fit your individual need.

TECHNICAL SPECIFICATIONS

| | Single-Mode | Multimode |
|--|------------------------|---------------------------------------|
| General Specifications | | |
| Cable Assembly Type | Infinium acclAIM Trunk | Infinium acclAIM Trunk |
| Fiber Category | 9 µm Single-Mode (OS2) | 50 µm Multimode (OM4/OM5) |
| Country of Origin | United States | United States |
| Connector Design (Connector -A, Connector -B) | | |
| Connector Type | Infinium acclAIM | Infinium acclAIM |
| Connector Color | Blue | Aqua (OM4) / Lime - coming soon (OM5) |
| Ferrule Material | Ceramic | Ceramic |
| Boot Color | Black | Black |
| Performance Specifications | | |
| Typical Total Channel Connection Loss | 0.45 dB | 0.40 dB |
| Return Loss Min. | 55 dB | 26 dB |
| Cable Design | | |
| Jacket Color | Yellow | Aqua (OM4) / Lime - coming soon (OM5) |
| Polarity | C | C |
| Fiber Specifications | | |
| Wavelengths | 1310/1550/1625 nm | 850/1300 nm |