

FiberExpress Patch Panel Systems (continued) FX UHD and FX Ultra Cassettes



FC3U034MMF, FX UHD Optimizer Cassette, OM3, Aqua Adapters



FCSU12LD4F, FX Ultra Cassette, OM3, 12 Ports, MPO-12 (female), LC Duplex, Type SR4 (Base8), Aqua Adapters

Belden FX UHD Base8 Cassettes

Optimized for SR4 and PSM4 based architectures like 40G and 100G Ethernet as well as Compute, Switch and Storage equipment with groupings of 4, 8 and 12 ports. Belden Base8 Cassettes optimize costs when used with Base8 MPO Trunks and Patch cords by eliminating dark fiber associated with SR4 & PSM4 architectures.

Standard SR4 Optimizer Cassettes (Base8)

| Description | | | Belden Part Number | | |
|--|------------------|----------|--------------------|---------------------------|------------------------|
| Patch Ports (fibers) | Trunk Ports | Family | OM3 Aqua Adapters | OM4 Erika Violet Adapters | OS2/APC Green Adapters |
| MPO-12(8f) Male to MPO-12(12f) Female | | | | | |
| 6 x MPO-12 (8f) | 4 x MPO-12 (12f) | FX Ultra | FC3U064MMF | FC4U064MMF | FCSU064MMF |
| 3 x MPO-12 (8f) | 2 x MPO-12 (12f) | FX Ultra | FC3U034MMF | FC4U034MMF | FCSU034MMF |

Standard SR4 Cassettes (Base8)

| Description | | | Belden Part Number | | |
|---------------------------------------|-------------|----------|--------------------|---------------------------|-------------------|
| Patch Ports (fibers) | Trunk Ports | Family | OM3 Aqua Adapters | OM4 Erika Violet Adapters | OS2 Blue Adapters |
| LC Duplex to MPO-12(8f) Female | | | | | |
| 16 (32) | 4 | FX UHD | FC3H16LD4F | FC4H16LD4F | FCSH16LD4F |
| 12 (24) | 3 | FX Ultra | FC3U12LD4F | FC4U12LD4F | FCSU12LD4F |
| 8 (16) | 2 | FX Ultra | FC3U08LD4F | FC4U08LD4F | FCSU08LD4F |
| 4 (8) | 1 | FX Ultra | FC3U04LD4F | FC4U04LD4F | FCSU04LD4F |

Standard SR4 Angled Cassettes (Base8)

| Description | Left | | | Right | | |
|---------------------------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|
| | OM3 Aqua Adapters | OM4 Erika Violet Adapters | OS2 Blue Adapters | OM3 Aqua Adapters | OM4 Erika Violet Adapters | OS2 Blue Adapters |
| LC Duplex to MPO-12(8f) Female | | | | | | |
| 12 (24) | FC3L12LD4F | FC4L12LD4F | FCSL12LD4F | FC3L12LD4F | FC4L12LD4F | FCSL12LD4F |

Tailored FX UHD and FX Ultra Cassettes (Base8)

Building a SmartPart Number

| Fixed Letter Series | 1. Choose Fiber Type | 2. Choose Product Family | 3. Choose Port Count (Patch Side) | 4. Choose Connector (Patch Side) | 5. Choose Connector (Trunk Side) | 6. Choose Polarity (Trunk) | 7. Choose Adapter Color | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|--------------------------|-----------------------------------|----------------------------------|----------------------------------|---|-------------------------|----------|------------|--------------------|---------------------|---|-------------------------|------------|------------|-------------|-------------|---|------------------------|--------------|--|------------------------|---------------------|-----------------------|--|------------------|---------------|--|---------------|--------|------------|--------|
| FC | 3 | U | 04 | LD | 4M | 4 | A | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <tr><th>Fiber Type</th></tr> <tr><td>3 OM3</td></tr> <tr><td>4 OM4</td></tr> <tr><td>S OS2</td></tr> </table> | Fiber Type | 3 OM3 | 4 OM4 | S OS2 | <table border="1"> <tr><th>Product Family</th></tr> <tr><td>H FX UHD</td></tr> <tr><td>U FX Ultra</td></tr> <tr><td>L FX U Angled Left</td></tr> <tr><td>R FX U Angled Right</td></tr> </table> | Product Family | H FX UHD | U FX Ultra | L FX U Angled Left | R FX U Angled Right | <table border="1"> <tr><th>Port Count (Patch Side)</th></tr> <tr><td>04 4 Ports</td></tr> <tr><td>08 8 Ports</td></tr> <tr><td>12 12 Ports</td></tr> <tr><td>16 16 Ports</td></tr> </table> | Port Count (Patch Side) | 04 4 Ports | 08 8 Ports | 12 12 Ports | 16 16 Ports | <table border="1"> <tr><th>Connector (Patch Side)</th></tr> <tr><td>LD LC Duplex</td></tr> </table> | Connector (Patch Side) | LD LC Duplex | <table border="1"> <tr><th>Connector (Trunk Side)</th></tr> <tr><td>4M MPO-12 (8f) Male</td></tr> <tr><td>4F MPO-12 (8f) Female</td></tr> </table> | Connector (Trunk Side) | 4M MPO-12 (8f) Male | 4F MPO-12 (8f) Female | <table border="1"> <tr><th>Polarity (Trunk)</th></tr> <tr><td>4 SR4 (Base8)</td></tr> </table> | Polarity (Trunk) | 4 SR4 (Base8) | <table border="1"> <tr><th>Adapter Color</th></tr> <tr><td>A Aqua</td></tr> <tr><td>E Erika V.</td></tr> <tr><td>B Blue</td></tr> </table> | Adapter Color | A Aqua | E Erika V. | B Blue |
| Fiber Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 OM3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 OM4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S OS2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Product Family | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H FX UHD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| U FX Ultra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L FX U Angled Left | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R FX U Angled Right | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Port Count (Patch Side) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 4 Ports | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08 8 Ports | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 12 Ports | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 16 Ports | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector (Patch Side) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LD LC Duplex | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector (Trunk Side) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4M MPO-12 (8f) Male | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4F MPO-12 (8f) Female | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Polarity (Trunk) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 SR4 (Base8) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adapter Color | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A Aqua | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E Erika V. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B Blue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

For further options contact Belden for custom Engineered solutions.