

### specifications

Fibre adapter panels contain TIA/EIA-604 FOCIS compliant or compatible simplex or duplex fibre optic adapters and meet or exceed TIA/EIA-568-B.3 requirements. Fibre adapter panels include 2, 3, 4, 6, 8 or 12 MTP\*, LC, keyed LC, SC, ST, FC, MT-RJ or E-2000 fibre optic adapters. Fibre optic adapters include phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements. LC and SC adapter housing colours follow the TIA/EIA-568-C.3 suggested colour identification scheme. Multimedia modular panels allow customization of installation for applications requiring integration of fibre optic and copper cables. Blank fibre adapter panels reserve fibre adapter panel space for future use. All fibre adapter panels snap quickly into the front of fibre optic patch panels and enclosures for easy network deployment or moves, adds and changes.



### technical information

|                                |                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Standards requirements:</b> | All adapters meet or exceed TIA/EIA-568-B.3 requirements<br>MTP*: TIA/EIA-604 FOCIS-5 compliant<br>LC: TIA/EIA-604 FOCIS-10 compatible<br>SC: TIA/EIA-604 FOCIS-3 compliant<br>ST: TIA/EIA-604 FOCIS-2 compatible<br>FC: TIA/EIA-604 FOCIS-4 compliant<br>MT-RJ: TIA/EIA-604 FOCIS-12 compliant<br>E-2000: TIA/EIA-604 FOCIS-16 compatible |
| <b>Split sleeve material:</b>  | Zirconia ceramic: 10Gig™ OM3/OM4 multimode adapters<br>OS1/OS2 singlemode adapters<br>Phosphor bronze: OM1 and OM2 multimode adapters                                                                                                                                                                                                      |
| <b>Insertion loss:</b>         | Supports the performance of connectors/patch cords                                                                                                                                                                                                                                                                                         |
| <b>Return loss:</b>            | Supports singlemode (SPC and UPC) and multimode (PC) connector polish performance                                                                                                                                                                                                                                                          |

### key features and benefits

|                                                                                                                          |                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Snap quickly into Opticom™ Fibre Adapter Patch Panels, and Enclosures</b>                                             | Assures flexibility and ease of network deployment and moves, adds and changes                                                                                                                     |
| <b>Adapters available separately, and in Mini-Com™ Patch Panels and Modules, and Opticom™ MTP* Fibre Optic Cassettes</b> | Provides a complete system solution for connectivity, such as MTP*, LC, keyed LC, SC, ST, FC, MT-RJ, E-2000 and Mini-Com™ Fibre Optic Adapter Modules, copper jack modules and audio/video modules |
| <b>LC and SC adapter housing colours follow TIA/EIA-568-C.3 suggested identification colour scheme</b>                   | Easy identification of fibre type via adapter colours; visually compatible with patch cords and connectivity that also follows the colour identification scheme                                    |
| <b>Available with adapters in multiple colours</b>                                                                       | Allows colour-coding for network segregation                                                                                                                                                       |

### applications

Opticom™ Fibre Optic Adapter Panels (FAPs) are used with Opticom™ and Rack and Wall Mount Enclosures, Fibre Adapter Patch Panels, and Opticom™ Zero RU Fibre Adapter Panel Brackets to deploy medium to high-density fibre optic network applications as specified in the data center cabling standard TIA 942 for cross connects in main distribution, horizontal distribution, and equipment distribution areas. Opticom™ Fibre Adapter Panels snap quickly into the patch

panels and enclosures for easy network deployment or moves, adds and changes. Opticom™ Zero RU Fibre Adapter Panel Brackets mount directly to the rack to provide location, connection and quick deployment of fibre adapter panels without taking any RU spaces. Multimedia modular panels also allow customization for installations requiring integration of fibre optic and copper cables. Blank fibre adapter panels reserve panel space for future use.

\*MTP is a registered trademark of US Conec Ltd.

#### Opticom™ Fibre Adapter Panels

Refer to next page for complete product listing.

#### Opticom™ QuickNet™ Rack Mount Fibre Cassette Enclosures

|                                  |        |
|----------------------------------|--------|
| 1 RU, holds 4 FAPs:              | FCE1U  |
| 1 RU, open access, holds 4 FAPs: | FCE1UA |
| 2 RU, holds 8 FAPs:              | FCE2U  |
| 4 RU, holds 12 FAPs:             | FCE4U  |

#### Opticom™ Rack Mount Enclosures

|                      |        |
|----------------------|--------|
| 1 RU, holds 3 FAPs:  | FRME1U |
| 2 RU, holds 6 FAPs:  | FRME2U |
| 3 RU, holds 9 FAPs:  | FRME3  |
| 4 RU, holds 12 FAPs: | FRME4  |

#### Opticom™ Standard Rack Mount Trays and Fibre Adapter Patch Panels

|                                       |                    |
|---------------------------------------|--------------------|
| 1 RU, holds 4 FAPs w/1 RU std. panel: | FMT1 with CFAPPBL1 |
| 2 RU, holds 8 FAPs w/2 RU std. panel: | FMT2 with CFAPPBL2 |

#### Opticom™ Angled Rack Mount Trays and Fibre Adapter Patch Panels

|                                         |                      |
|-----------------------------------------|----------------------|
| 1 RU, holds 4 FAPs w/1 RU angled panel: | FMT1A with CFAPPBL1A |
| 2 RU, holds 8 FAPs w/2 RU angled panel: | FMT2A with CFAPPBL2A |

#### Opticom™ Zero RU Fibre Adapter Panel Brackets

|                                       |         |
|---------------------------------------|---------|
| Angled, 90°, adhesive/magnetic mount: | FEABRUA |
| Std., screw mount:                    | FEABRU  |

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# Opticom™ Fibre Adapter Panels (FAPs)

## ordering information

| QuickNet™ MTP* Fibre Adapter Panels                      |                |                  |               |              |               |             |
|----------------------------------------------------------|----------------|------------------|---------------|--------------|---------------|-------------|
| Fibre Type                                               | Adapter Colour | FAP Orientation  | 4 Adapters    |              | 6 Adapters    |             |
| OM3/OM4, OM2, OM1 and OS1/OS2                            | Black          | Horizontal       | FAPH4W12BLMTP |              | FAPH6W12BLMTP |             |
|                                                          |                | Vertical         | FAP4W12BLMTP  |              |               |             |
| LC Opticom™ Fibre Adapter Panels (Duplex Adapters)       |                |                  |               |              |               |             |
| Fibre Type                                               | Adapter Colour | Split Sleeve(s)  | 6 Adapters    | 8 Adapters   | 12 Adapters   |             |
| OM3/OM4                                                  | Aqua           | Zirconia Ceramic | FAP6WAQDLCZ   | FAP8WAQDLCZ  | FAP12WAQDLCZ  |             |
|                                                          |                | Phosphor Bronze  | FAP6WAQDLC    | FAP8WAQDLC   | FAP12WAQDLC   |             |
| OM2                                                      | Black          | Phosphor Bronze  | FAP6WBLDLC    | FAP8WBLDLC   | FAP12WBLDLC   |             |
| OM1                                                      | Electric Ivory | Phosphor Bronze  | FAP6WEIDLC    | FAP8WEIDLC   | FAP12WEIDLC   |             |
| OS1/OS2                                                  | Blue           | Zirconia Ceramic | FAP6WBUDLCZ   | FAP8WBUDLCZ  | FAP12WBUDLCZ  |             |
| LC Opticom™ Fibre Adapter Panels (Simplex Adapters)      |                |                  |               |              |               |             |
| Fibre Type                                               | Adapter Colour | Split Sleeve(s)  | 12 Adapters   |              |               |             |
| OM3/OM4                                                  | Aqua           | Zirconia Ceramic | FAP12WAQLCZ   |              |               |             |
| OS1/OS2                                                  | Blue           | Zirconia Ceramic | FAP12WBULCZ   |              |               |             |
| Keyed LC Opticom™ Fibre Adapter Panels (Duplex Adapters) |                |                  |               |              |               |             |
| Fibre Type                                               | Key and Colour | Split Sleeve(s)  | 6 Adapters    | 8 Adapters   | 12 Adapters   |             |
| All Fiber Types (OM3/OM4, OM2, OM1 and OS1/OS2)          | A – Black      | Zirconia Ceramic | FAP6WABLDLCZ  | FAP8WABLDLCZ | FAP12WABLDLCZ |             |
|                                                          | B – Red        |                  | FAP6WBRDDLCZ  | FAP8WBRDDLCZ | FAP12WBRDDLCZ |             |
|                                                          | C – Green      |                  | FAP6WCGRDLCZ  | FAP8WCGRDLCZ | FAP12WCGRDLCZ |             |
|                                                          | D – Yellow     |                  | FAP6WDYLDLCZ  | FAP8WDYLDLCZ | FAP12WDYLDLCZ |             |
|                                                          | E – Orange     |                  | FAP6WEORDLCZ  | FAP8WEORDLCZ | FAP12WEORDLCZ |             |
|                                                          | F – Dark Blue  |                  | FAP6WFBDBLCZ  | FAP8WFBDBLCZ | FAP12WFBDBLCZ |             |
| SC Opticom™ Fibre Adapter Panels (Duplex Adapters)       |                |                  |               |              |               |             |
| Fibre Type                                               | Adapter Colour | Split Sleeve(s)  | 2 Adapters    | 3 Adapters   | 4 Adapters    | 6 Adapters  |
| OM3/OM4                                                  | Aqua           | Zirconia Ceramic | FAP2WAQDSCZ   | FAP3WAQDSCZ  | FAP4WAQDSCZ   | FAP6WAQDSCZ |
|                                                          |                | Phosphor Bronze  | FAP2WAQDSC    | FAP3WAQDSC   | FAP4WAQDSC    | FAP6WAQDSC  |
| OM2                                                      | Black          | Phosphor Bronze  | FAP2WBLDSC    | FAP3WBLDSC   | FAP4WBLDSC    | FAP6WBLDSC  |
| OM1                                                      | Electric Ivory | Phosphor Bronze  | FAP2WEIDSC    | FAP3WEIDSC   | FAP4WEIDSC    | FAP6WEIDSC  |
| OS1/OS2                                                  | Blue           | Zirconia Ceramic | FAP2WBUDSCZ   | FAP3WBUDSCZ  | FAP4WBUDSCZ   | FAP6WBUDSCZ |
| APC, OS1/OS2                                             | APC Green      | Zirconia Ceramic | FAP2WAGDSCZ   | FAP3WAGDSCZ  | FAP4WAGDSCZ   | FAP6WAGDSCZ |
| SC Opticom™ Fibre Adapter Panels (Simplex Adapters)      |                |                  |               |              |               |             |
| Fibre Type                                               | Adapter Colour | Split Sleeve(s)  | 6 Adapters    | 12 Adapters  |               |             |
| OM3/OM4                                                  | Aqua           | Phosphor Bronze  | FAP6WAQSC     | –            |               |             |
| OM3/OM4                                                  | Aqua           | Zirconia Ceramic | FAP6WAQSCZ    | –            |               |             |
| OS1/OS2                                                  | Blue           | Zirconia Ceramic | FAP6WBUSCZ    | FAP12WBUSCZ  |               |             |
| APC, OS1/OS2                                             | APC Green      | Zirconia Ceramic | FAP6WAGSCZ    | FAP12WAGSCZ  |               |             |
| ST Opticom™ Fibre Adapter Panels (Simplex Adapters)      |                |                  |               |              |               |             |
| Fibre Type                                               | Adapter Colour | Split Sleeve(s)  | 6 Adapters    | 12 Adapters  |               |             |
| OM3/OM4, OS1/OS2                                         | Plated         | Zirconia Ceramic | FAP6WSTZ      | FAP8WSTZ     |               |             |
| OM1, OM2                                                 |                | Phosphor Bronze  | FAP6WST       | FAP8WST      |               |             |
| FC Opticom™ Fibre Adapter Panels (Simplex Adapters)      |                |                  |               |              |               |             |
| Fibre Type                                               | Adapter Colour | Split Sleeve(s)  | 6 Adapters    |              |               |             |
| OM3/OM4, OS1/OS2                                         | Plated         | Zirconia Ceramic | FAP6WFCZ      |              |               |             |
| OM1, OM2                                                 |                | Phosphor Bronze  | FAP6WFC       |              |               |             |
| MT-RJ Opticom™ Fibre Adapter Panels (Duplex Adapters)    |                |                  |               |              |               |             |
| Fibre Type                                               | Adapter Colour | Split Sleeve(s)  | 6 Adapters    |              |               |             |
| OM3/OM4, OM2, OM1                                        | Electric Ivory | N/A              | FMP6WMTRJ     |              |               |             |
|                                                          | Black          |                  | FMP6WMTRJBL   |              |               |             |
| E-2000 Opticom™ Fibre Adapter Panels (Duplex Adapters)   |                |                  |               |              |               |             |
| Fibre Type                                               | Adapter Colour | Split Sleeve(s)  | 6 Adapters    |              |               |             |
| OS1/OS2                                                  | Blue           | Zirconia Ceramic | FAPH6WBUDE2KZ |              |               |             |
| Multimedia Modular Panel                                 |                |                  | Blank Panel   |              |               |             |
| FMP6                                                     |                |                  | FAPB          |              |               |             |

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9/2009