

Fiber Splicing Component Matrix

ENCLOSURES

| Panduit Fiber Distribution Systems | Product Description | RU Height | FAP/FMP/Cassettes Per Enclosure | Maximum Fibers per Enclosure/Panel | Sliding Drawer | Application | Available Colors (BL = Black, WH = White, GS = Gray, add WH to end of part for White) ** for color choice | Accepts HD Flex™ Cassettes Using FLEX-OPTI-1 RU | Splice Tray | Splice Chip | Max Number of Splice Modules / Trays | Splice Tray Holder |
|---|---|-----------|---------------------------------|------------------------------------|----------------|--------------------------|---|---|-------------|-------------|--------------------------------------|--------------------|
| Opticom® Enclosures/Patch Panels | | | | | | | | | | | | |
| FRE1U** | Rack Mount Fiber Enclosure, 1 RU | 1 | 4 | 96 | ✓ | Data Center/Pre-Term | BL/WH | ✓ (Up to 8) | FOSMF | FSC24 | 4 | FOSMH1U |
| FRE2U** | Rack Mount Fiber Enclosure, 2 RU | 2 | 8 | 192 | ✓ | Data Center/Pre-Term | BL/WH | ✓ (Up to 16) | FOSMF | FSC24 | 8 | FOSMH1U |
| FRME1U | Rack Mount Fiber Enclosure, 1 RU | 1 | 3 | 72 | ✓ | Telco/Work Area/Pre-Term | BL/WH | ✓ (Up to 6) | FOSMF | FSC24 | 3 | N/A |
| FRME2U | Rack Mount Fiber Enclosure, 2 RU | 2 | 6 | 144 | ✓ | Telco/Work Area/Pre-Term | BL/WH | ✓ (Up to 12) | FOSMF | FSC24 | 6 | N/A |
| FRME4 | Rack Mount Fiber Enclosure, 4 RU | 4 | 12 | 288 | ✓ | Telco/Work Area/Pre-Term | BL/WH | ✓ (Up to 24) | N/A | FSC24 | 12 | N/A |
| FCE1U** | Rack Mount Fiber Enclosure, 1 RU | 1 | 4 | 96 | ✓ | Data Center/Pre-Term | BL/WH | ✓ (Up to 8) | FOSMF | FSC24 | 4 | FOSMH1U |
| FCE2U** | Rack Mount Fiber Enclosure, 2 RU | 2 | 8 | 192 | ✓ | Data Center/Pre-Term | BL/WH | ✓ (Up to 16) | FOSMF | FSC24 | 8 | FOSMH2U |
| FCE4U** | Rack Mount Fiber Enclosure, 4 RU | 4 | 12 | 288 | ✓ | Data Center/Pre-Term | BL/WH | ✓ (Up to 24) | FOSMF | FSC24 | 12 | FOSMH4U |
| CFAPPBL1 + FMT1 | Flat Patch Panel with Enclosure, 1 RU | 1 | 4 | 96 | ✗ | Basic Fixed Patch Panel | BL | ✓ (Up to 8) | FOSMF | FSC24 | 4 | N/A |
| CFAPPBL2 + FMT2 | Flat Patch Panel with Enclosure, 2 RU | 2 | 8 | 192 | ✗ | Basic Fixed Patch Panel | BL | ✓ (Up to 16) | FOSMF | FSC24 | 8 | N/A |
| FWME1BL | Wall Mount Enclosure, 1 FAP | N/A | 1 | 24 (FSC6) | ✗ | Wall Mount | BL | N/A | N/A | FSC6 | 1 | N/A |
| FWME2 | Wall Mount Enclosure, 2 FAPs | N/A | 2 | 48 (FAP) 24 (FSTK) | ✗ | Wall Mount | BL | N/A | FSTK | N/A | 2 | FSTHS |
| FWME4 | Wall Mount Enclosure, 4 FAPs | N/A | 4 | 96 (FAP) 48 (FST6) | ✗ | Wall Mount | BL | ✓ (Up to 8) | FST6 | N/A | 4 | FST6H4 |
| FWME8 | Wall Mount Enclosure, 8 FAPs | N/A | 8 | 192 (FAP) 96 (FST6) | ✗ | Wall Mount | BL | ✓ (Up to 16) | FST6 | N/A | 8 | FST6H4 (2) |
| Opticom® Fiber Optic Drawers | | | | | | | | | | | | |
| FMD2 | Rack Mount Fiber Drawer, 2 RU | 2 | 8 | 96 | ✗ | Basic Fiber Drawer | BL | ✓ (Up to 16) | FOSMF | FSC24 | 8 | N/A |
| FD1W12BUDSCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 12 duplex OS2 SC adapter, blue, zirconia ceramic | 1 | N/A | 24 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |
| FD1W24BUDSCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 24 duplex OS2 SC adapter, blue, zirconia ceramic | 1 | N/A | 48 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |
| FD1W12BUDLCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 12 duplex OS2 LC adapter, blue, zirconia ceramic | 1 | N/A | 24 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |
| FD1W24BUDLCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 24 duplex OS2 LC adapter, blue, zirconia ceramic | 1 | N/A | 48 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |
| FD1W6AQDSCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 6 duplex OM4 SC adapter, aqua, zirconia ceramic | 1 | N/A | 12 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |
| FD1W12AQDSCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 12 duplex OM4 SC adapter, aqua, zirconia ceramic | 1 | N/A | 24 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |
| FD1W24AQDSCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 24 duplex OM4 SC adapter, aqua, zirconia ceramic | 1 | N/A | 48 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |
| FD1W12AQDLCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 12 duplex OM4 LC adapter, aqua, zirconia ceramic | 1 | N/A | 24 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |
| FD1W24AQDLCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 24 duplex OM4 LC adapter, aqua, zirconia ceramic | 1 | N/A | 48 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |
| FD1W48AQDLCZ | Rack Mount Fiber Drawer, 1 RU Preloaded with 48 duplex OM4 LC adapter, aqua, zirconia ceramic | 1 | N/A | 96 | ✗ | Pre-Loaded Fiber Drawer | BL | N/A | FOSMF | FSC24 | N/A | N/A |

Replace ** at the end of a part # with WH for White Powder Coated. Replace ++ at the end of a part # with BL for Black or WH for White Powder Coated.

Fiber Splicing Component Matrix

ENCLOSURES (CONT'D)

| Panduit Fiber Distribution Systems | Product Description | RU Height | FAP/FMP/Cassettes Per Enclosure | Maximum Fibers per Enclosure/Panel | Sliding Drawer | Application | Available Colors (BL = Black, WH = White, GS = Gray, add WH to end of part for White) ** for color choice | Accepts HD Flex™ Cassettes Using FLEX-OPTI-1 RU | Splice Tray | Splice Chip | Max Number of Splice Modules / Trays | Splice Tray Holder |
|---|--|-----------|---------------------------------|------------------------------------|----------------|--------------------------|---|---|----------------------------------|-------------|--------------------------------------|--------------------|
| HD Flex™ Enclosures/Patch Panels | | | | | | | | | | | | |
| FLEX1U04 | 4-Port HD Flex™ Enclosure, 1 RU | 1 | 18 | 144 | ✓ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 18 | N/A |
| FLEX2U04 | 4-Port HD Flex™ Enclosure, 2 RU | 2 | 36 | 288 | ✓ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 36 | N/A |
| FLEX4U04 | 4-Port HD Flex™ Enclosure, 4 RU | 4 | 72 | 576 | ✓ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 72 | N/A |
| FLEX1UPN04 | 4-Port HD Flex™ Panel, 1 RU | 1 | 18 | 144 | ✗ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 18 | N/A |
| FLEX2UPN04 | 4-Port HD Flex™ Panel, 2 RU | 2 | 36 | 288 | ✗ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 36 | N/A |
| FLEX4UPN04 | 4-Port HD Flex™ Panel, 4 RU | 4 | 72 | 576 | ✗ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 72 | N/A |
| FLEX1U06** | 6-Port HD Flex™ Enclosure, 1 RU | 1 | 12 | 144 | ✓ | Data Center/Pre-Term | BL/WH | N/A | HD Flex™ Splice Cassettes | N/A | 12 | N/A |
| FLEX2U06** | 6-Port HD Flex™ Enclosure, 2 RU | 2 | 24 | 288 | ✓ | Data Center/Pre-Term | BL/WH | N/A | HD Flex™ Splice Cassettes | N/A | 24 | N/A |
| FLEX4U06** | 6-Port HD Flex™ Enclosure, 4 RU | 4 | 48 | 576 | ✓ | Data Center/Pre-Term | BL/WH | N/A | HD Flex™ Splice Cassettes | N/A | 48 | N/A |
| FLEX1UPN06** | 6-Port HD Flex™ Panel, 1 RU | 1 | 12 | 144 | ✗ | Data Center/Pre-Term | BL/WH | N/A | HD Flex™ Splice Cassettes | N/A | 12 | N/A |
| FLEX2UPN06** | 6-Port HD Flex™ Panel, 2 RU | 2 | 24 | 288 | ✗ | Data Center/Pre-Term | BL/WH | N/A | HD Flex™ Splice Cassettes | N/A | 24 | N/A |
| FLEX4UPN06** | 6-Port HD Flex™ Panel, 4 RU | 4 | 48 | 576 | ✗ | Data Center/Pre-Term | BL/WH | N/A | HD Flex™ Splice Cassettes | N/A | 48 | N/A |
| FLEX1U12 | 12-Port HD Flex™ Enclosure, 1 RU | 1 | 6 | 144 | ✓ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 6 | N/A |
| FLEX2U12 | 12-Port HD Flex™ Enclosure, 2 RU | 2 | 12 | 288 | ✓ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 12 | N/A |
| FLEX4U12 | 12-Port HD Flex™ Enclosure, 4 RU | 4 | 24 | 576 | ✓ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 24 | N/A |
| FLEX1UPN12 | 12-Port HD Flex™ Panel, 1 RU | 1 | 6 | 144 | ✗ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 6 | N/A |
| FLEX2UPN12 | 12-Port HD Flex™ Panel, 2 RU | 2 | 12 | 288 | ✗ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 12 | N/A |
| FLEX4UPN12 | 12-Port HD Flex™ Panel, 4 RU | 4 | 24 | 576 | ✗ | Data Center/Pre-Term | BL | N/A | HD Flex™ Splice Cassettes | N/A | 24 | N/A |
| HD Fusion Enclosures | | | | | | | | | | | | |
| FRMHSS-4 RU | HD Fusion Splicing Solution, 4 RU | 4 | N/A | 576 single / 1152 ribbon | ✓ | Telco/Work Area/Pre-Term | BL | N/A | FST48 FST144R | N/A | 12 FST48 12 FST144R | N/A |
| FWMHSSGS-3456 | HD Fusion Wall Mount Splice Enclosure, 3456 Fibers | N/A | N/A | 1152 single / 3456 ribbon | ✗ | Wall Mount | GS | N/A | FST48 FST144R | N/A | 24 FST48 24 FST144R | N/A |
| FWMHSSGS-6912 | HD Fusion Wall Mount Splice Enclosure, 6912 Fibers | N/A | N/A | 2304 single / 6912 ribbon | ✗ | Wall Mount | GS | N/A | FST48 FST144R | N/A | 48 FST48 48 FST144R | N/A |

Replace ** at the end of a part # with WH for White Powder Coated

Fiber Splicing Component Matrix

CASSETTES

| Panduit Fiber Distribution Systems | Product Description | Port Count | Fiber Count | Notes |
|--|---|------------|-------------|---|
| Opticom® Splice Cassettes | | | | |
| SC Adapters | | | | |
| FCS9N-12-03P | OS2 SC adapters with 250µm pigtails | 12 | 12 | Preloaded with Discrete pigtails |
| FCS9N-12-SAP | OS2 SC/APC adapters with 250µm pigtails | 12 | 12 | Preloaded with Discrete pigtails |
| FCSZO-12-03P | OM4 SC adapters with 250µm pigtails | 12 | 12 | Preloaded with Discrete pigtails |
| LC Adapters | | | | |
| FCS9N-12-10P | OS2 LC adapters with 250µm pigtails | 6 | 12 | Preloaded with Discrete pigtails |
| FCS9N-12-10R | OS2 LC adapters with flat Ribbon fiber leads | 6 | 12 | Preloaded with Ribbon pigtails |
| FCS9N-12-LAP | OS2 LC/APC adapters with 250µm pigtails | 6 | 12 | Preloaded with Discrete pigtails |
| FCS9N-12-LAR | OS2 LC/APC adapters with flat Ribbon fiber leads | 6 | 12 | Preloaded with Ribbon pigtails |
| FCSZO-12-10P | OM4 LC adapters with 250µm pigtails | 6 | 12 | Preloaded with Discrete pigtails |
| FCSZO-12-10R | OM4 LC adapters with flat Ribbon fiber leads | 6 | 12 | Preloaded with Ribbon pigtails |
| Opticom® FAPS | | | | |
| SC Duplex Adapters | | | | |
| FAP*WBUDSCZ | OS2 FAP with * blue SC Duplex adapters | N/A | N/A | Replace * with 2, 3, 4, or 6 for adapter count needed |
| FAP*WAGDSCZ | OS2 FAP with * green angled SC Duplex adapters | N/A | N/A | Replace * with 2, 3, 4, or 6 for adapter count needed |
| FAP*WAQDSCZ | OM4 FAP with * aqua SC Duplex adapters | N/A | N/A | Replace * with 2, 3, 4, or 6 for adapter count needed |
| SC Simplex Adapters | | | | |
| FAP*WBUSCZ | OS2 FAP with * blue SC Simplex adapters | N/A | N/A | Replace * with 6 or 12 for adapter count needed; ex FAP12WBUSCZ for 12 simplex adapters |
| FAP*WAGSCZ | OS2 FAP with * green angled SC Simplex adapters | N/A | N/A | Replace * with 6 or 12 for adapter count needed; ex FAP12WAGSCZ for 12 simplex adapters |
| FAP6WAQSCZ | OM4 FAP with 6 aqua SC Simplex adapters | N/A | N/A | Only available in 6 simplex adapters |
| LC Duplex Adapters | | | | |
| FAP*WBUDLCZ | OS2 FAP with * LC blue Duplex Zirconia Adapters | NA | NA | Replace * with 3, 6, 8, or 12; ex FAP12WBUDLCZ |
| FAP*WAGDLCZ | OS2 FAP with * LC green angled Duplex Zirconia Adapters | NA | NA | Replace * with 6 or 12 only; ex FAP12WAGDLCZ |
| FAP*WAQDLCZ | OM4 FAP with * LC aqua Duplex Zirconia Adapters | NA | NA | Replace * with 3, 6, 8, or 12; ex FAP12WAQDLCZ |
| FAP*LMDLCZ | OM5 FAP with * LC lime Duplex Zirconia Adapters | NA | NA | Replace * with 6 or 12 only; ex FAP*WLMDLCZ |
| LC Simplex Adapters | | | | |
| FAP12WBULCZ | OS2 with 12 LC Simplex Zirconia Adapters | 12 | 12 | 12 Adapters only |
| FAP12WAQLCZ | OM4 with 12 LC Simplex Zirconia Adapters | 12 | 12 | 12 Adapters only |
| <i>Note: Keyed Opticom® Duplex LC FAP's available on Panduit.com</i> | | | | |
| MPO Adapters | | | | |
| FAPH0412**MPO | 4 position, 12 Fiber Horizontal MPO FAP | 4 | 48 | Replace ** with BL for Key-Up/Key-Down, or CG for Key-Up/Key-Up |
| FAPH0612**MPO | 6 position, 12 Fiber Horizontal MPO FAP | 6 | 72 | Replace ** with BL for Key-Up/Key-Down, or CG for Key-Up/Key-Up |
| FAPH0812**MPO | 8 position, 12 Fiber Horizontal MPO FAP | 8 | 96 | Replace ** with BL for Key-Up/Key-Down, or CG for Key-Up/Key-Up |
| FAPH1212**MPO | 12 position, 12 Fiber Horizontal MPO FAP | 12 | 144 | Replace ** with BL for Key-Up/Key-Down, or CG for Key-Up/Key-Up |
| FAPH1612**MPO | 16 position, 12 Fiber Horizontal MPO FAP | 16 | 192 | Replace ** with BL for Key-Up/Key-Down, or CG for Key-Up/Key-Up |
| FAPH1812**MPO | 18 position, 12 Fiber Horizontal MPO FAP | 18 | 216 | Replace ** with BL for Key-Up/Key-Down, or CG for Key-Up/Key-Up |
| FAPV0412**MPO | 4 position, 12 Fiber Vertical MPO FAP | 4 | 48 | Replace ** with BL for Key-Up/Key-Down, or CG for Key-Up/Key-Up |
| FAPV0612**MPO | 6 position, 12 Fiber Vertical MPO FAP | 6 | 72 | Replace ** with BL for Key-Up/Key-Down, or CG for Key-Up/Key-Up |
| FAPH0812**MPO | 8 position, 12 Fiber Vertical MPO FAP | 8 | 96 | Replace ** with BL for Key-Up/Key-Down, or CG for Key-Up/Key-Up |
| FAPH**24RDMPO | 100G ** position, 24 Fiber Horizontal MPO FAP | 4 | 96 | Replace ** with 04, 06, 08, 12. Type A Key-Up/Key-Down RED |

| KEY |
|----------------|
| OS2 = blue |
| OM3/OM4 = aqua |
| OM5 = lime |
| APC = green |
| 24 fiber = red |

Fiber Splicing Component Matrix

CASSETTES (CONT'D)

| Panduit Fiber Distribution Systems | Product Description | Port Count | Fiber Count | Notes |
|------------------------------------|---|------------|-------------|------------------------------------|
| HD Flex™ Splice Cassettes | | | | |
| SC Adapters | | | | |
| FHS9N-12-03P | OS2, SC Discrete pigtails, Standard IL | 12 | 12 | Preloaded with Discrete pigtails |
| FHS9N-12-3AP | OS2, SC/APC Discrete pigtails, Standard IL | 12 | 12 | Preloaded with Discrete pigtails |
| FHSZA-12-03P | OM4, SC Discrete pigtails, Ultra IL | 12 | 12 | Preloaded with Discrete pigtails |
| FHS9N-12-03R | OS2, SC Ribbon pigtails, Standard IL | 12 | 12 | Preloaded with Ribbon pigtails |
| FHS9N-12-3AR | OS2, SC/APC Ribbon pigtails, Standard IL | 12 | 12 | Preloaded with Ribbon pigtails |
| FHSZA-12-03R | OM4, SC Ribbonized pigtails, Ultra IL | 12 | 12 | Preloaded with Ribbon pigtails |
| LC Adapters | | | | |
| FHS9N-12-10P | OS2 LC Discrete pigtails, Standard IL | 6 | 12 | Preloaded with Discrete pigtails |
| FHS9N-12-LAP | OS2 LC/APC Discrete pigtails, Standard IL | 6 | 12 | Preloaded with Discrete pigtails |
| FHSXO-12-10P | OM3 LC Discrete pigtails, Optimized IL | 6 | 12 | Preloaded with Discrete pigtails |
| FHSZO-12-10P | OM4 LC Discrete pigtails, Optimized IL | 6 | 12 | Preloaded with Discrete pigtails |
| FHSZA-12-10P | OM4 LC Discrete pigtails, Ultra IL | 6 | 12 | Preloaded with Discrete pigtails |
| FHS9N-12-10R | OS2 LC Ribbonized pigtail, Standard IL | 6 | 12 | Preloaded with Ribbon pigtails |
| FHS9N-12-LAR | OS2 LC/APC Ribbonized pigtails, Standard IL | 6 | 12 | Preloaded with Ribbon pigtails |
| FHSXO-12-10R | OM3 LC Ribbonized pigtail, Optimized IL | 6 | 12 | Preloaded with Ribbon pigtails |
| FHSZO-12-10R | OM4 LC Ribbonized pigtail, Optimized IL | 6 | 12 | Preloaded with Ribbon pigtails |
| FHSZA-12-10R | OM4 LC Ribbonized pigtail, Ultra IL | 6 | 12 | Preloaded with Ribbon pigtails |
| FHS9N-24-10P | OS2 LC Discrete pigtails, Standard IL | 12 | 24 | Preloaded with Discrete pigtails |
| FHS9N-24-LAP | OS2 LC/APC Discrete pigtails, Standard IL | 12 | 24 | Preloaded with Discrete pigtails |
| FHSZA-24-10P | OM4 LC Discrete pigtails, Ultra IL | 12 | 24 | Preloaded with Discrete pigtails |
| FHS9N-24-10R | OS2 LC Ribbonized pigtails, Standard IL | 12 | 24 | Preloaded with Ribbon pigtails |
| FHS9N-24-LAR | OS2 LC/APC Ribbonized pigtails, Standard IL | 12 | 24 | Preloaded with Ribbon pigtails |
| FHSZA-24-10R | OM4 LC Discrete pigtails, Ultra IL | 12 | 24 | Preloaded with Ribbon pigtails |
| FHSN-24 | Splice Only Blank front cassette | 12 | 24 | Preloaded with pigtails and ribbon |
| HD Flex™ Splice Cassettes | | | | |
| SC Adapters | | | | |
| FHS9N-12-10N | FAP Cassette w/ OS2 LC blue zirconia adapters | 6 | 12 | LC Pigtails not included |
| FHS9N-12-LAN | FAP Cassette w/ OS2 LC/APC green zirconia adapters | 6 | 12 | LC Pigtails not included |
| FHSXN-12-10N | FAP Cassette w/ OM3 LC aqua zirconia adapters | 6 | 12 | LC Pigtails not included |
| MPO Adapters | | | | |
| FHMP-6-ABL | 6 port MPO FAP Cassette, Type A adapters, black | 6 | 72 | Key-Up/Key-Down Type A |
| FHMP-6-ARD | 6 port MPO FAP Cassette, Type A adapters, red | 6 | 144 | Key Up/Key-Down Type A |
| FHMP-6-BCG | 6 port MPO FAP Cassette, Type B Adapters, charcoal gray | 6 | 72 | Key Up/Key-Up Type B |
| FHMPW-6-ABL | 6 port MPO FAP Cassette, Type A Adapters, black | 6 | 72 | Key-Up/Key-Down Type A OM5 |
| FHMPW-6-BCG | 6 port MPO FAP Cassette, Type B Adapters, charcoal gray | 6 | 72 | Key Up/Key-Up Type B OM5 |

| KEY |
|----------------|
| OS2 = blue |
| OM3/OM4 = aqua |
| OM5 = lime |
| APC = green |
| 24 fiber = red |

Fiber Splicing Component Matrix

CONNECTIVITY

| Panduit Fiber Distribution Systems | Product Description | Fiber Count | Notes |
|---|--|-------------|---|
| 900-Micron Buffered Pigtail Sets | | | |
| LC Simplex | | | |
| F9*BN1NNSZM00x | OS2 1-Fiber 900µm Buffered Patch Cord No Jacket LC to Pigtail, Std IL, Set of * (6 or 12) with TIA-568 Buffer Colors | 6 or 12 | Replace * with 6 for 6-fiber or T for 12-fiber Replace x with 1 or 2 (1m or 2m only) |
| F9*BNB1NNSZM00x | OS2 1-Fiber 900µm Buffered Patch Cord No Jacket LC/APC to Pigtail, Std IL, Set of * (6 or 12) with TIA-568 Buffer Colors | 6 or 12 | Replace * with 6 for 6-fiber or T for 12-fiber Replace x with 1 or 2 (1m or 2m only) |
| FX*BN1NNSZM00x | OM3 1-Fiber 900µm Buffered Patch Cord No Jacket LC to Pigtail, Std IL, Set of * (6 or 12) with TIA-568 Buffer Colors | 6 or 12 | Replace * with 6 for 6-fiber or T for 12-fiber Replace x with 1 or 2 (1m or 2m only) |
| FZ*BN1NNSZM00x | OM4 1-Fiber 900µm Buffered Patch Cord No Jacket LC to Pigtail, Std IL, Set of * (6 or 12) with TIA-568 Buffer Colors | 6 or 12 | Replace * with 6 for 6-fiber or T for 12-fiber Replace x with 1 or 2 (1m or 2m only) |
| SC Simplex | | | |
| F9*BN3NNSZM00x | OS2 1-Fiber 900µm Buffered Patch Cord No Jacket SC to Pigtail, Std IL, Set of * (6 or 12) with TIA-568 Buffer Colors | 6 or 12 | Replace * with 6 for 6-fiber or T for 12-fiber Replace x with 1 or 2 (1m or 2m only) |
| F9*BNANNNSZM00x | OS2 1-Fiber 900µm Buffered Patch Cord No Jacket SC/APC to Pigtail, Std IL, Set of * (6 or 12) with TIA-568 Buffer Colors | 6 or 12 | Replace * with 6 for 6-fiber or T for 12-fiber Replace x with 1 or 2 (1m or 2m only) |
| FX*BN3NNSZM00x | OM3 1-Fiber 900µm Buffered Patch Cord No Jacket SC to Pigtail, Std IL, Set of * (6 or 12) with TIA-568 Buffer Colors | 6 or 12 | Replace * with 6 for 6-fiber or T for 12-fiber Replace x with 1 or 2 (1m or 2m only) |
| FZ*BN3NNSZM00x | OM4 1-Fiber 900µm Buffered Patch Cord No Jacket SC to Pigtail, Std IL, Set of * (6 or 12) with TIA-568 Buffer Colors | 6 or 12 | Replace * with 6 for 6-fiber or T for 12-fiber Replace x with 1 or 2 (1m or 2m only) |
| 900-Micron Buffered Pigtail | | | |
| LC Simplex | | | |
| F91BN1NNSNM00x | OS2 1 Fiber 900µm Buffered Patch Cord No Jacket LC to Pigtail | 1 | Replace x with 1, 2, or 3 meters |
| F91BNB1NNSNM00x | OS2 1 Fiber 900µm Buffered Patch Cord No Jacket LC/APC to Pigtail | 1 | Replace x with 1, 2, or 3 meters |
| FX1BN1NNSNM00x | OM3 1 Fiber 900µm Buffered Patch Cord No Jacket LC to Pigtail | 1 | Replace x with 1, 2, or 3 meters |
| FZ1BN1NNSNM00x | OM4 1 Fiber 900µm Buffered Patch Cord No Jacket LC to Pigtail | 1 | Replace x with 1, 2, or 3 meters |
| FW1BN1NNSNM00x | OM5 1 Fiber 900µm Buffered Patch Cord No Jacket LC to Pigtail | 1 | Replace x with 1, 2, or 3 meters |
| SC Simplex | | | |
| F91BN3NNSNM00x | OS2 1 Fiber 900µm Buffered Patch Cord No Jacket SC Simplex to Pigtail | 1 | Replace x with 1, 2, or 3 meters |
| F91BNANNNSNM00x | OS2 1 Fiber 900µm Buffered Patch Cord No Jacket SC/APC Simplex to Pigtail | 1 | Replace x with 1, 2, or 3 meters |
| FX1BN3NNSNM00x | OM3 1 Fiber 900µm Buffered Patch Cord No Jacket SC Simplex to Pigtail | 1 | Replace x with 1, 2, or 3 meters |
| FZ1BN3NNSNM00x | OM4 1 Fiber 900µm Buffered Patch Cord No Jacket SC Simplex to Pigtail | 1 | Replace x with 1, 2, or 3 meters |
| 12 Strand LC/SC Pigtail Trunks | | | |
| F9TSR17NNSNM*** | OS2 12-Fiber OFNR trunk pigtail with LC Simplex connectors, 18" Breakout, Standard IL, Meters | 12 | Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua. Replace *** with 001, 002, 003 for 1, 2, or 3 meters |
| FXTSR17NNSNM*** | OM3 12-Fiber OFNR trunk pigtail with LC Simplex connectors, 18" Breakout, Standard IL, Meters | 12 | Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua. Replace *** with 001, 002, 003 for 1, 2, or 3 meters |
| F9TSR37NNSNM*** | OS2 12-Fiber OFNR trunk pigtail with SC Simplex connectors, 18" Breakout, Standard IL, No Pulling Eye, Meters | 12 | Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua. Replace *** with 001, 002, 003 for 1, 2, or 3 meters |
| FXTSR37NNSNM*** | OM3 12-Fiber OFNR trunk pigtail with SC connectors, 18" Breakout, Standard IL, Meters | 12 | Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua. Replace *** with 001, 002, 003 for 1, 2, or 3 meters |
| QuickNet™ PanMPO/MPO Ribbon Pigtail Assemblies | | | |
| F9TCNxNNSNM*** | OS2 12-Fiber 250µm Bare Fiber Ribbon pigtail with x connector, Standard IL | 12 | Replace x with Connector (5=MPO Female, 6=MPO Male, 7=PanMPO Female, 8=PanMPO Male), Replace *** with meters (ex 003) |
| FZTCNxNNSNM*** | OM4 12-Fiber 250µm Bare Fiber Ribbon pigtail with x connector, Optimized IL | 12 | Replace x with Connector (5=MPO Female, 6=MPO Male, 7=PanMPO Female, 8=PanMPO Male), Replace *** with meters (ex 003) |

| KEY |
|----------------|
| OS2 = blue |
| OM3/OM4 = aqua |
| OM5 = lime |
| APC = green |
| 24 fiber = red |

Fiber Splicing Component Matrix

CONNECTIVITY/FURCATION KITS

Panduit Fiber Optic Connectors for **Singlemode**

| Part Number | Connector Type | Connector Color | Application |
|-----------------------|----------------|-----------------|--|
| FLCS2/9SOCU9BU | LC-UPC | Blue | 900µm Tight-Buffered, or 250µm Loose Tube Fiber |
| FLCS2/9SOCA9AG | LC-APC | Green | |
| FSCS2/9SOCU9BU | SC-UPC | Blue | |
| FSCS2/9SOCA9AG | SC-APC | Green | |

| Part Number | Connector Type | Connector Color | Application |
|-----------------------|----------------|-----------------|---|
| FLCSLT9SOCU9BU | LC-UPC | Blue | 250µm Loose Tube Fiber with 900µm Build-Up Tube |
| FLCSLT9SOCA9AG | LC-APC | Green | |
| FSCSLT9SOCA9AG | SC-APC | Green | |

Panduit Fiber Optic Breakout Kit Part Numbers for **Singlemode**

| Part Number | Jacket Color | Fiber Count | # of Tubes |
|--------------------|--------------|-------------|------------|
| FOBKF24YM1 | Yellow | 24 | 2 |
| FOBKF48YM1 | Yellow | 48 | 4 |
| FOBKF72YM1 | Yellow | 72 | 6 |
| FOBKF96YM1 | Yellow | 96 | 8 |
| FOBKF144YM1 | Yellow | 144 | 12 |
| FOBKF288YM1 | Yellow | 288 | 24 |
| FOBKF432YM1 | Yellow | 432 | 36 |
| FOBKF576YM1 | Yellow | 576 | 48 |
| FOBKF864YM1 | Yellow | 864 | 72 |

Note: Insert ribbons into tubes in groups of (12)
Ex: 144F is twelve groups of 12-fibers

Panduit Fiber Optic Connectors for **Multimode**

| Part Number | Connector Type | Connector Color | Application |
|----------------------|----------------|-----------------|--|
| FLCS2/9SOPXAQ | LC-PC | Aqua | 900µm Tight-Buffered, or 250µm Loose Tube Fiber |
| FSCS2/9SOPXAQ | SC-PC | Aqua | |

| Part Number | Connector Type | Connector Color | Application |
|----------------------|----------------|-----------------|---|
| FLCSLT9SOPXAQ | LC-PC | Aqua | 250µm Loose Tube Fiber with 900µm Build-Up Tube |

Panduit Fiber Optic Breakout Kit Part Numbers for **Multimode**

| Part Number | Jacket Color | Fiber Count | # of Tubes |
|--------------------|--------------|-------------|------------|
| FOBKF24AM1 | Aqua | 24 | 2 |
| FOBKF48AM1 | Aqua | 48 | 4 |
| FOBKF72AM1 | Aqua | 72 | 6 |
| FOBKF96AM1 | Aqua | 96 | 8 |
| FOBKF144AM1 | Aqua | 144 | 12 |