



## Broadband Micro Cable Patch Cord and Trunk Fiber Optic Assemblies

BBMC fiber assemblies by Cablcon offer high fiber density where space is at a premium. Cables are ideal for 12-144 fiber high performance installations. Each 12-fiber subunit consists of 250um colored fibers and aramid strength members enclosed by a strong yet flexible jacket. The 2.95mm subunits are designed to be independently routed in fiber management systems. Our cable assemblies are manufactured domestically in the United States at one of our automated ISO 9001 and TL 9000 Certified plants, and are tested to exceed industry standards.

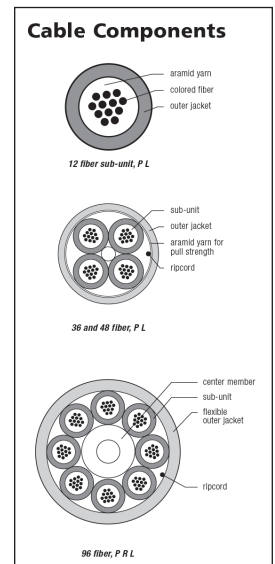
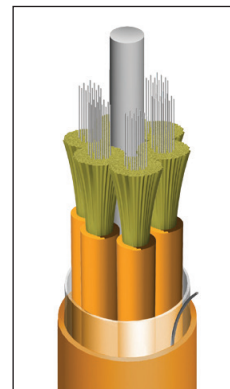
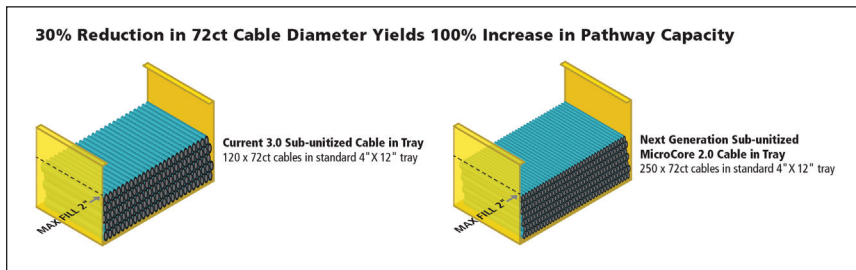
### APPLICATIONS

- In-building runs where space is at a premium, in high density areas like Data Centers and Central Offices.
- Able to breakout or fan-out fiber using 1.6mm furcation.
- Trunk applications where flexibility and tight bend radius are required to route cable.
- Cable supports direct termination to MTP/MPO on subunits, or upjacket to 1.6, 2.0 or 3.0mm for SC, LC, FC and ST connectors.

### CABLE COMPONENTS

**12-144 BBMC fiber can provide a direct interface or interconnection between fiber management panels and equipment using MPO style connectors, as well as small diameter fan-out cables utilizing LC, SC, ST and FC connectors.**

- Small outside diameter (12F) 2.95mm, (24F) 8.2mm, (36F) 8.25mm, (48F) 8.6mm, (72F) 10.5mm, (96F) 13.0mm and (144F, 2.0mm subunits) 10.6mm
- UL listed to Riser, Plenum and applications available in single mode bend insensitive yellow OS2, multimode orange (62.5/125 & 50/125) OM1 & OM2 and (50/125) aqua OM3/OM4 laser optimized
- Fiber tested to meet or exceed EIA/TIA 568-B3, Telcordia GR-409-CORE and ANSI/ICEA S-83-596



*(See back of brochure for fiber part number descriptions. Call for custom breakouts)*



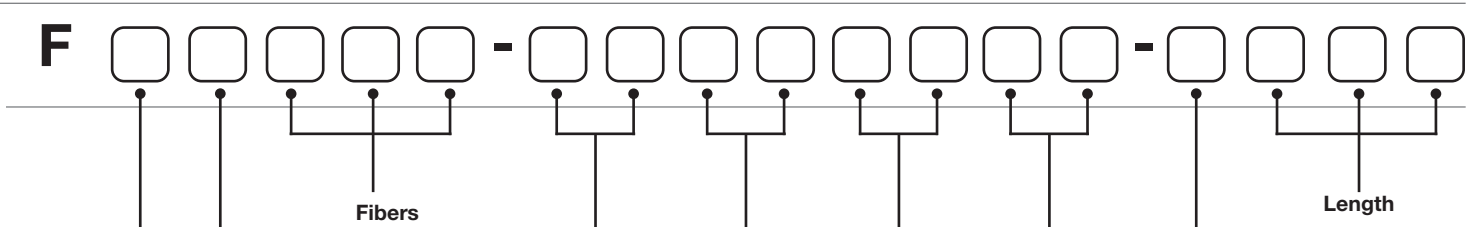
**DALLAS • DETROIT**

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Phone: 888.8.CABLCON • Fax: 248.588.1462 • [www.cablcon.com](http://www.cablcon.com)





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**Fiber Style**  
 OFNR LT A  
 OFNP LT M

**Fibers Terminated**  
 012  
 024  
 036  
 048  
 072  
 096  
 144

**Connector A and Connector B**  
 Blunt 00  
 LC 01  
 LC 50° Boot 02  
 LC Corning 03  
 LC Corning 45° Clip 04  
 LC (42.5mm Max Boot Length) 05  
 LC/APC 06  
 LC-Duplex 11  
 LC-Duplex Corning 13  
 LC-Duplex Corning 45° Clip 14  
 LC-Duplex (42.5mm Max Boot Length) 15  
 LC/APC Duplex 16  
 ST Metal 21  
 ST Plastic 23  
 SC 31  
 SC Corning 33  
 SC-Duplex 41  
 SC-Duplex Corning 43  
 SC/APC 51  
 SC/APC Corning 53  
 SC/APC Duplex 56  
 SC/APC Duplex Corning 57  
 FC 61  
 FC Corning 63  
 FC/APC 71  
 FC/APC Corning 73  
 MTP Male 81  
 MTP Female 82  
 MTP Male (Angled) 83  
 MTP Female (Angled) 84  
 MPO Male 86  
 MPO Female 87  
 MPO Male (Angled) 88  
 MPO Female (Angled) 89  
 MU 90  
 LB Loop Back LB  
 LC-Duplex 50° Boots 12

**Breakout Side A and Breakout Side B**  
 None 00  
 LGX 05  
 FOT 06  
 EL7 07  
 NE7 08  
 EL10 09  
 NE1 10  
 FDF 11  
 FDM(900um) 12  
 EL3 13  
 EL5 14  
 NG3 15  
 63"(900um) 45  
 FMX 16  
 TPA 17  
 FMT(2.0mm) 43  
 FMT(900um) 18  
 FCM 19  
 LSX 20  
 LSX(HD) 21  
 NGF 22  
 NGF(HD) 23  
 FD7 24  
 HDC 46  
 FPX 56

**UoM**  
 Meters M  
 Feet F

**Length**

**Fiber Type**  
 62.5um OM1 MM A  
 50um OM2 MM B  
 50um 10G OM4 MM C  
 8.3um Yellow SM D  
 8.3um BIF Black SM G  
 8.3um BIF Yellow SM E  
 8.3um BIF Blue SM F  
 50um 10G OM3 MM H  
 8.3um Black SM I  
 50um 10G BIF OM4 MM J

Lower number first



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