

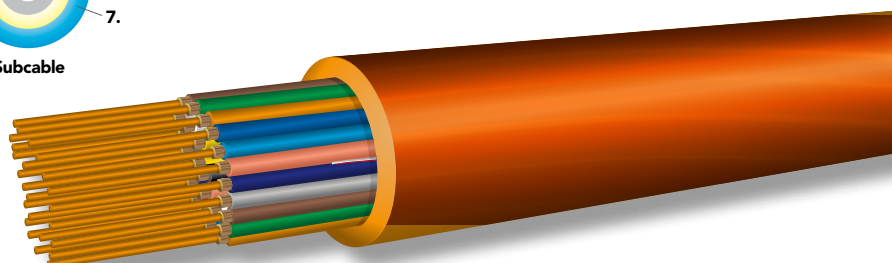
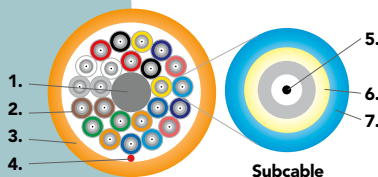


## (3.2i) B-Series Breakout – Plenum Rated Cables

1. Central Filler/Strength Member
2. Subcable
3. Outer Jacket
4. Ripcord

**Subcable**

5. Tight-Buffer Optical Fiber
6. Aramid Strength Member
7. Color-Coded Subcable Jacket



## Applications

- Ideal for installations requiring an extremely rugged and reliable cable design where maximum mechanical and environmental protection are required
- Installed in ducts, plenums, and air-handling spaces
- Easiest cable to install where direct termination of the subcable to a connector and a direct run to panels and equipment are desired

## Features

- High-performance components and construction
- UL listed in accordance with NEC sections 770.179(a) for use in ducts, plenums and air-handling spaces
- Most rugged and easy to install cable design for enterprise cabling applications
- Standard 2.0mm subcables can be directly terminated with standard connectors (2.5mm and 2.9mm subcable sizes are also available)
- Subcabled fiber is environmentally and mechanically protected
- Ideal for use in point-to-point runs in adverse environments
- Direct termination to subcable provides additional strain relief for better connector retention during moves, adds, and changes
- Design is ideal for direct pulling with mesh grips
- Cable materials are indoor/outdoor – UV, water and fungus resistant
- Wide operating temperature range of -40°C to +85°C
- High-performance 900µm tight-buffered coating on each optical fiber for environmental and mechanical protection
- Jacket highly chemical resistant for installation in harsh industrial environments
- Interlocking armor can be applied to cables as an alternative to conduit installation
- 2 to 48 fibers

## Cost Savings

- Direct termination to subcable may eliminate the need for patch panels and patch cords and reduce connector loss
- 900µm buffer eliminates the need for costly and time-consuming installation of fanout kits or pigtail splices because connectors terminate directly to the fiber
- High crush resistance may eliminate the need for innerduct



## Applicable Standards

OCC indoor/outdoor tight-buffered fiber optic cables meet the functional requirements of the following standards:

- ICEA-S-83-596
- ICEA-S-104-696
- GR-409-CORE ISSUE 2
- TIA-568
- TIA-598
- UL 1651
- ANSI/NFPA 262