

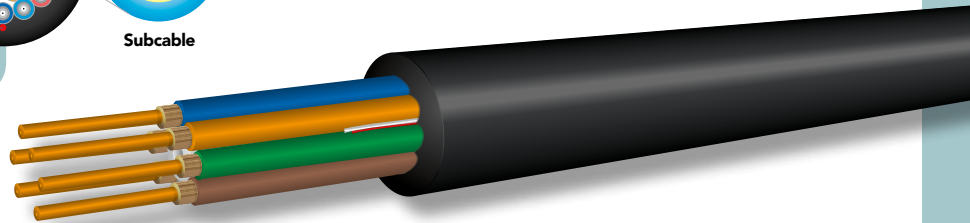
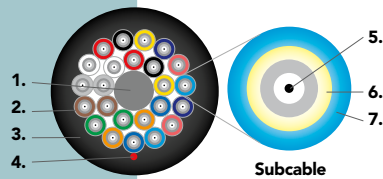
(3.2h) B-Series Breakout – Riser Rated Cables



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

Subcable

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



Applications

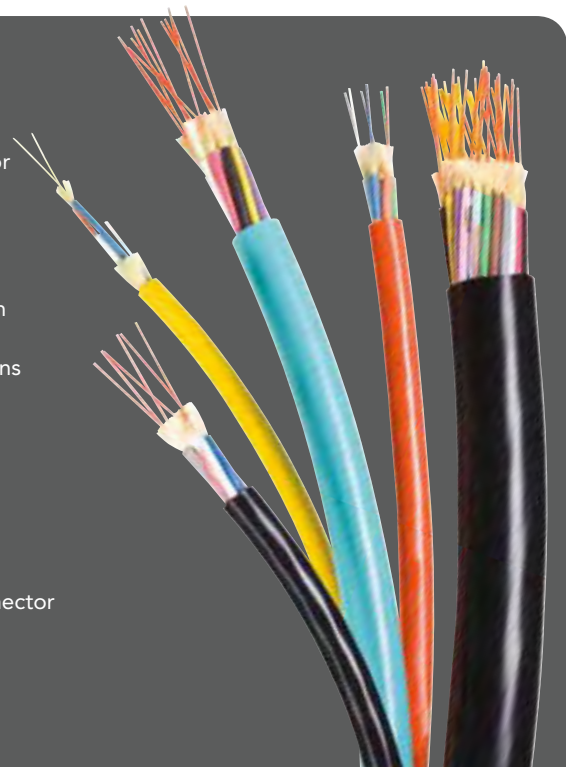
- Ideal for installations requiring an extremely rugged and reliable cable design where maximum mechanical and environmental protection are necessary
- Easiest cable to install where direct termination of the subcable to a connector and a direct run to panels and equipment are desired

Features

- High-performance components and construction
- UL listed in accordance with NEC sections 770.179(b) for use in vertical runs in building riser shafts or from floor to floor
- Most rugged and easy to install cable design for enterprise cabling applications
- Core-Locked™ outer jacket design for installation survivability and long-term, trouble-free service
- Ideal for use in long, vertical installations
- 2.0mm subcables can be direct-terminated with standard connectors (2.5mm and 2.9mm subcables 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
- Interlocking armor can be applied to cables as an alternative to conduit installation
- 2 to 72 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 subcable
- 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
- UL 1666