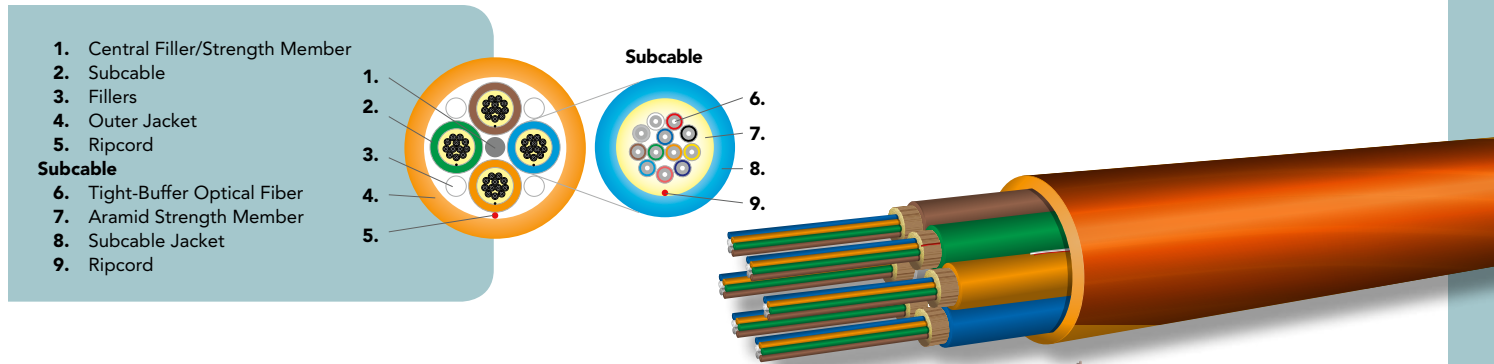


## (3.2p) G-Series Subgrouping – Plenum Rated Cables



### Applications

- Used in trunking, LAN and distribution applications where versatile installation capability is required for ducts, plenums, and air-handling spaces
- Design allows subcables to be routed to multiple locations such as wiring racks and closets
- Suitable for both indoor plenum and outdoor installation – no need to splice outdoor cable to indoor cable at the building entrance

### 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
- Cable materials are indoor/outdoor – UV, water and fungus resistant
- Wide operating temperature range of -40°C to +85°C
- Helically stranded core for greater flexibility and mechanical protection of the optical fibers
- Multifiber color-coded subcables, each similar to the D-Series Distribution cable, are easy to identify for improved cable management during installation
- Best design for multimode and single-mode fiber hybrid cables
- Available with 6-fiber (4.5mm) or 12-fiber (5.5mm) subcables
- Jacket highly chemical resistant for installation in harsh industrial environments
- Interlocking armor can be applied to cables as an alternative to conduit installation

### Cost Savings

- 900µm buffer eliminates the need for costly and time-consuming installation of fanout kits or pigtail splices because connectors terminate directly to the fiber
- No need to splice outdoor cable to indoor cable at building entrance
- High crush resistance may eliminate the need for innerduct



### Mechanical and Environmental Performance

	INDOOR/OUTDOOR
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Installation temperature (cable temp.)	0°C to +60°C
Flame retardancy	UL listed type OFNP (ANSI/NFPA 262) and FT6 (CSA C22.2 No. 232)
Impact resistance	1,500 impacts (EIA/TIA-455-25A)
Crush resistance	2,100 N/cm (TIA/EIA-455-41A)
Flex resistance	2,000 cycles (TIA/EIA-455-104A)

### 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
- ANSI/NFPA 262