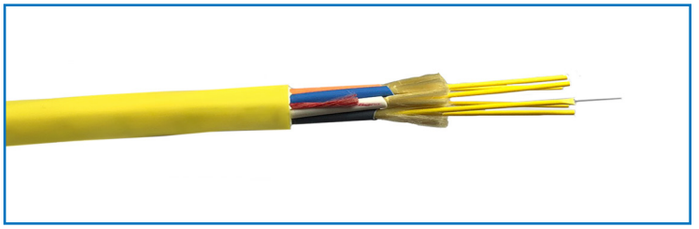
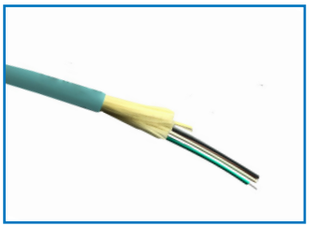
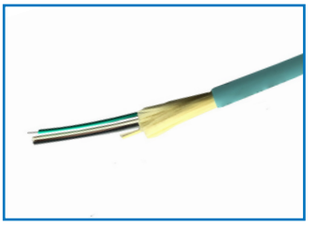
Fiber Optic

OCC Plenum Breakout Fiber Optic Cable







Product Construction

Fiber:
- 900µm, Tight Buffered Optical Fiber

Jacket:
- Indoor/Outdoor Fluoropolymer
- Sequential footage markings
- Orange jacket - Multimode fibers (except 10Gbps)
- Aqua jacket - 10Gbps multimode fibers
- Yellow jacket - Single Mode fibers

Central Strength Member:
- Aramid strength member

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

- Lightweight, flexible design simplifies installation
- Tight buffer provides individual fiber protection
- Tight buffered fibers are easy to handle and strip for field connectorization
- Storage Temperature -40C to +85C
- Operating Termperature -40C to +85C
- Minimum Bend Radius: 10x OD (Installation); 10 x OD (In-service)

Standards

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

Part #	Fiber Count	Fiber Grade	Nom. O.D.	Lbs./M'	Max Tensile Load Install	Max. Tensile Load In-Service
OCBX006KSLX9YP	6	Single Mode Plenum	0.290"	41	540	130
OCBX006KALT9QP	6	50/125µm OM3, Plenum	0.290"	41	1,080	270
OCBX012KSLX9YP	12	Single Mode Plenum	0.394"	71	540	130
OCBX012KALT9QP	12	50/125µm OM3, Plenum	0.394"	71	1,080	270

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your OmniCable account manager