

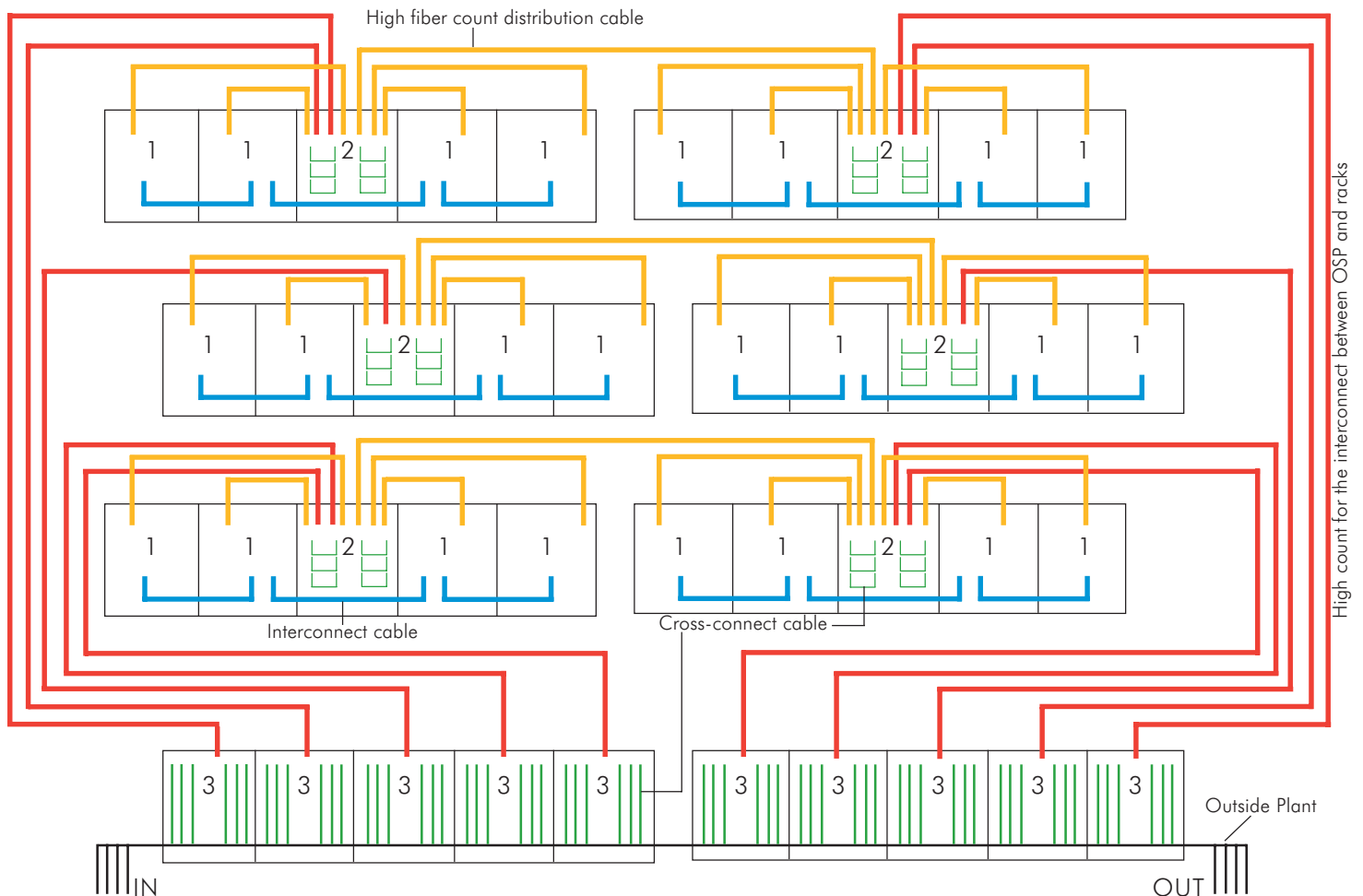
Fiber Cabling Inside the Central Office

CommScope offers two categories of fiber optic cables for inside the Central Office. These two categories are:

1. High Fiber Count Distribution Cables used to run
 - from rack to rack (gold) or
 - from rack to interface (red) with Outside Plant (OSP) cabling (black)
2. Fiber Cordage Cables used in fiber optic patch cords for the purpose of
 - cross-connect within a piece of equipment in the rack (green) or
 - interconnect of equipment within a rack (blue)

CommScope provides the following fiber optic cabling options for inside the Central Office:


1. FastFiber™ Pull and Cut Service
 - 24 hour turnaround available of cables in stock
 - Perfect for smaller jobs and emergency acquisition of cable
 - Pull and cut lengths available are noted on the back page
2. Bulk Reels
 - For distributors and large jobs



- Equipment Legend:
1. Equipment Rack
 2. Cross-connect Rack
 3. Fiber Termination & Cross Connect

- Cable Legend:
- Outside Plant (Black)
 - Cross-Connect Cable (Green)
 - High Fiber Count Distribution Cable (Gold)
 - Interconnect Cable (Blue)
 - High count for the interconnect between OSP and racks (Red)

Typical Optical Fiber Cables For Central Office Use

Cable Type/Unit Size	Catalog Number	Outer Diameter inch/mm	Min. Bend Radius		Max. Tensile Load		Weight	
			Loaded inch/cm	Unloaded inch/cm	Short Term lbs./Newton	Long Term lbs./Newton	lbs/1000'	kg/1000'
 Simplex/2.9mm available in 1.6mm	R-ØØ1-SP-XY-F29ZZ	0.11/2.9	2.3/5.8	1.4/3.5	60/267	18/80	5.8	8.7
 Duplex/2.5mm	R-ØØ2-DU-XY-F25ZZ	0.132/3.4 x 0.231/5.9	2.6/6.6	1.4/3.5	90/400	27/120	14.0	20.9
 Zipcord/2.9mm	R-ØØ2-ZC-XY-F29ZZ	0.114/2.9 x 0.232/5.9	2.3/5.8	1.4/3.5	90/400	27/120	11.7	17.4
 2 fiber interconnect	R-ØØ2-IC-XY-FSDZZ	0.160/4.1	3.2/8.1	1.6/4.1	225/1001	68/300	8.6	12.9
 12 Fiber available in 4 to 144 ct.	R-Ø12-DS-XY-FSDZZ	.23/5.8	4.6/11.7	2.3/5.8	300/1335	90/400	19.0	28.0
Singlemode/Multimode Composite (4-144 fiber)	R-XXX-DS-CM-FSDXX/8Haaa/XYbbb							

Variables in the catalog number:

XXX = Total Fiber Count

XY = Fiber Grade

ZZ = Standard Jacket Color

For Composite Only:

Fiber identification colors:

6U (UltraFiber® 62.5/125µm) 6F (62.5/125µm) 5H (50/125µm) 5L (50/125µm, LaserCore™) 8H (8.3/125µm)

OR (Orange-Multimode or Composite cable)

YL (Yellow-Single-Mode cable)

aaa is replaced with single-mode fiber count

bbb is replaced by multimode fiber count

Subunits are numbered for easy identification

- Simplex, Duplex, Zipcord, and 2 fiber interconnect are typically used for cross connect and interconnect applications.
- 12 Fiber is typically used for rack to rack and interface between outside plant and cross connect racks.
- All available in riser and plenum versions (NEC, OFNR, OFNP)
- Other cabling configurations available. Please refer to the CommScope Network Products catalog.
- For optical performance specifications, contact us or see the CommScope Network Products catalog.



Rules & Guidelines*

- Maximum order quantity per customer, per product, per day is 2 kms (or 6,560 ft.)
- Continental U.S. freight allowed on orders of \$5000 or more (other than Alaska & Hawaii)
- Minimum cut length is 250 feet
- Pull and cut charges are FREE on available FastFiber products
- Orders placed by 12 noon EST will be available for shipment next business day
- Orders placed after 12 noon EST will ship within 48 hours
- Orders placed after 12 noon EST on Friday will be available for shipment the following Monday
- Reels are non-returnable and non-refundable

Available Products

- Riser Distribution
 - Riser Distribution 6, 12, & 24 fiber counts
- Plenum Distribution
 - Plenum Distribution 6, 12, & 24 fiber counts
- Low Smoke Zero Halogen Distribution 6 & 12 fiber counts



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*This promotion is offered and may be changed or revoked at CommScope's discretion. CommScope reserves the right to accept any order. CommScope's Terms & Conditions of sale shall apply.