

NextGen® Brand Tight Buffer Distribution Cable with 17 FREE™

Type OFNR, CSA FT-4



Features And Benefits

- Halogen-free
- Reduced toxicity
- More environmentally friendly
- Lightweight, flexible design simplifies installation
- Tight buffered fibers are easy to handle and strip for field connectorization
- Sub-units are numbered for identification
- Print legend contains sequential footage markings
- Verified for guaranteed performance
- Fiber counts from 2–72

Applications

- Inrbuilding voice or data communication backbones
- UL Listed Type OFNR for installation in vertical riser and general horizontal applications when installed in accordance with NEC Articles 770-51(b) and 770-53(b)

Standard Compliances

- UL and c(UL) Listed Type OFNR
- CSA FT-4
- ANSI/TIA/EIA 568C
- ICEA S-83-596
- RoHS Compliant Directive 2002/95/EC



CONSTRUCTION

Fiber

- 2–72 fibers
- 900µm tight buffer
- Color-coding per TIA/EIA 598C

Central Strength Member

- Epoxy/glass rod (above 12 fibers)

Overall Strength Member

- Aramid fiber yarn

Jacket

- Flame-retardant LSZH polymer
- Sequential footage markings*
- Orange jacket — multimode fibers (except 10 Gbps)
- Aqua jacket — 10 Gbps multimode fibers
- Yellow jacket — singlemode fibers

*Sequential meter markings available upon request

PHYSICAL DATA

| | Non-Plenum |
|--------------------------------|-------------------------|
| Minimum Bend Radius | |
| Installation: | 20 X OD |
| Operation: | 10 X OD |
| Maximum Crush Resistance (lbs) | 850 lbs/in (1,485 N/cm) |
| Maximum Vertical Rise | 1,640 ft (500 m) |
| Temperature Rating (°C) | |
| Storage: | -40 to +70 |
| Operating: | -20 to +70 |

PART NUMBERS

| CATALOG NUMBER | FIBER COUNT | NO. OF SUB-UNITS | NOMINAL CABLE DIAMETER | | NOMINAL CABLE WEIGHT | | MAXIMUM TENSILE LOAD | | | |
|------------------|-------------|------------------|------------------------|----|----------------------|-------|----------------------|------|------------|------|
| | | | IN | mm | LBS/1000' | kg/km | INSTALLATION | | IN-SERVICE | |
| | | | | | | | LBS | N | LBS | N |
| XX0021PNZ | 2 | — | 0.17 | 4 | 11 | 16 | 225 | 1000 | 65 | 290 |
| XX0041PNZ | 4 | — | 0.18 | 5 | 13 | 19 | 225 | 1000 | 65 | 290 |
| XX0061PNZ | 6 | — | 0.20 | 5 | 15 | 22 | 225 | 1000 | 65 | 290 |
| XX0081PNZ | 8 | — | 0.20 | 5 | 17 | 25 | 245 | 1090 | 70 | 310 |
| XX0121PNZ | 12 | — | 0.23 | 6 | 21 | 31 | 320 | 1425 | 112 | 500 |
| XX0181P1Z | 18 | 3 | 0.47 | 12 | 84 | 125 | 600 | 2670 | 200 | 890 |
| XX0241P1Z | 24 | 4 | 0.53 | 13 | 92 | 137 | 800 | 3560 | 270 | 1201 |
| XX0361P1Z | 36 | 6 | 0.64 | 16 | 142 | 211 | 1000 | 4448 | 335 | 1490 |
| XX0481P1Z | 48 | 4 | 0.61 | 15 | 122 | 182 | 1000 | 4448 | 335 | 1490 |
| XX0601P1Z | 60 | 5 | 0.67 | 17 | 156 | 232 | 1200 | 5338 | 400 | 1780 |
| XX0721P1Z | 72 | 6 | 0.74 | 19 | 192 | 286 | 1500 | 6672 | 500 | 2224 |

XX denotes glass type.

A complete listing of NextGen® Brand glass types is specified on page 3 of the catalog.

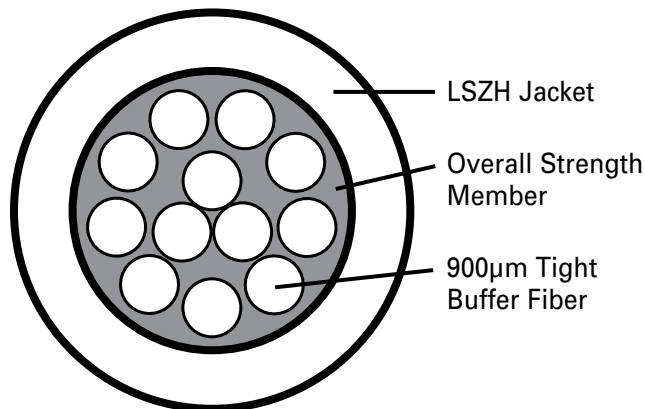
Data subject to change without notice.

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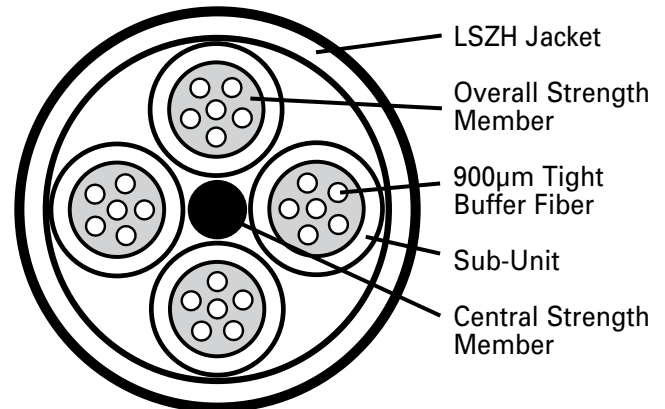


FIBER OPTIC PREMISE CABLE

Typical Cross-Sections



PNZ ≤ 12 Fiber



P1Z ≥ 18 Fiber

Hybrid designs (containing singlemode and multimode fiber) and composite designs (containing copper conductors) are also available.

Ordering Part Number Example

CG0121PNZ or CG0241P1Z

62.5 mm multimode, 12 or 24 fibers, tight buffer LSZH
Please see pages 4 and 5 of the catalog for a complete guide on part number selection and ordering information.



Going Green with General Cable

General Cable has accelerated its environmental commitment, addressing its green alternative approach by identifying greener opportunities and promoting green cabling solutions wherever feasible. This includes promoting our existing green products, partnering with key customers in their green endeavors, identifying and providing for green product gaps, and participating as a member of the United States Green Building Council (USGBC) and collaborative ventures such as the Green Suppliers Network (GSN).



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