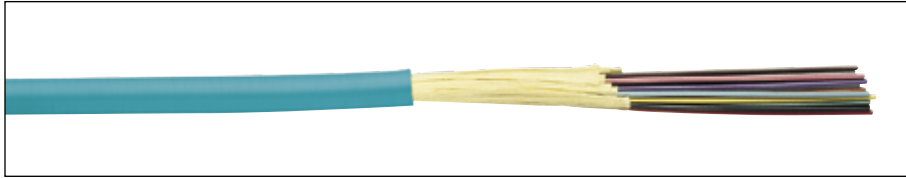


# Tight Buffer Distribution Low-Smoke, Zero-Halogen (LSZH) Cable Type OFNR, CSA FT4



**Product Construction:**

**Fiber:**

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

**Central Strength Member:**

- Epoxy/glass rod (above 12 fibers)

**Overall Strength Member:**

- Aramid fiber yarn

**Jacket:**

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

**Features:**

- Lightweight, flexible design simplifies installation
- Tight buffer provides individual fiber protection
- Tight buffered fibers are easy to handle and strip for field connectorization
- Sub-units are numbered for identification

**Performance:**

- Temperature: Storage -40°C (-40°F) to +70°C (+158°F)  
Installation 0°C (+32°F) to +50°C (+122°F)  
Operating -20°C (-4°F) to +70°C (+158°F)
- Minimum Bend Radius: 20 X OD—Installation  
10 X OD—In-Service
- Maximum Crush Resistance: 850 lbs/in (1485 N/cm)
- Maximum Vertical Rise—1,640 ft (500 m)

**Applications:**

- Intra-building voice or data communication backbones
- ETL Listed Type OFNR for installation in vertical riser and general horizontal applications when installed in accordance with NEC article 770.154 and 770.179

**Compliances:**

- ETL Listed Type OFNR
- CSA FT4
- TIA 568 C.3
- ICEA S-83-596
- RoHS Compliant Directive 2011/65/EU
- GR-409

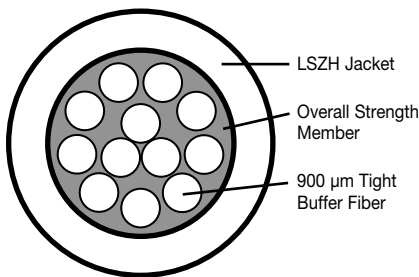
\*Sequential meter markings available upon request

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

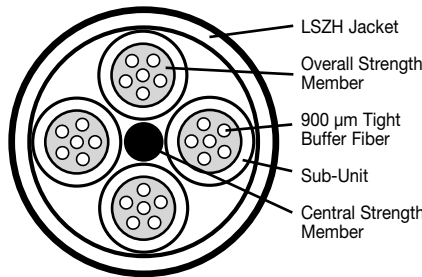
XX denotes glass type.

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

**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**

**BE0121PNZ or BE0241P1Z**

50 µm multimode, 12 or 24 fibers, tight buffer LSZH

Please see pages 4 and 5 for a complete guide on part number selection and ordering information.

