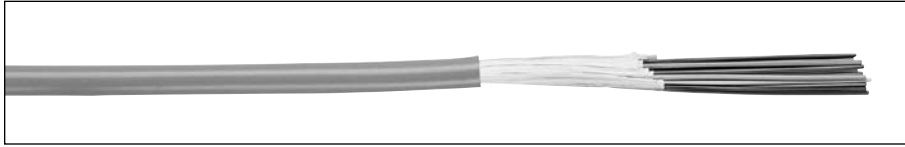


Tight Buffer Distribution Low-Smoke, Zero-Halogen (LSZH) Cable

Type OFNR, CSA FT-4



Product Construction:

Fiber:

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

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

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) 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:

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

Compliances:

- UL and c(UL) Listed Type OFNR
- CSA FT-4
- ANSI/TIA/EIA 568B.3
- ICEA S-83-596
- RoHS Compliant Directive 2002/95/EC

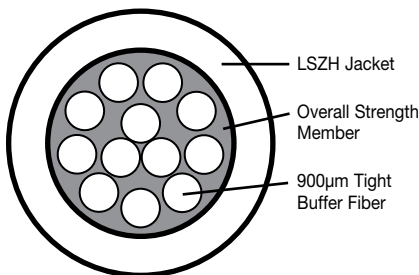
*Sequential meter markings available upon request

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

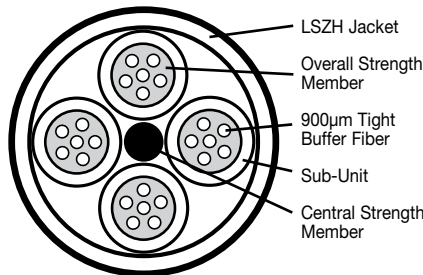
XX denotes glass type.

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

CG0121PNZ or CG0241P1Z

62.5 mm 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.

