

Loose Tube Single Jacket Low-Smoke, Zero-Halogen (LSZH) Cable

Type OFN/LS



Product Construction:

Fiber:

- 2-144 fibers
- Loose tube gel-filled
- Color-coding per TIA/EIA 598B

Central Strength Member:

- Epoxy/glass rod

Overall Strength Member:

- Aramid fiber yarn

Jacket:

- Black UV-, moisture-resistant and flame-retardant LSZH polymer
- Sequential footage markings*

Features:

- Dry Water Block cable core for ease of handling
- Loose tube gel-filled for maximum fiber protection
- LSZH jacket for fire protection

Performance:

- Temperature:
 - Storage -40°C (-40°F) to +70°C (+158°F)
 - Operating -40°C (-40°F) to +70°C (+158°F)
- Minimum Bend Radius:
 - 20 X OD—Installation
 - 10 X OD—In-Service
- Maximum Crush Resistance:
 - 150 lbs/in (263 N/cm)
- Maximum Vertical Rise—1,640 ft (500 m)

Applications:

- Interbuilding and intrabuilding voice or data communication backbones
- Installed in ducts, underground conduits or aerial/lashed
- UL Listed Type OFN/LS for installation in cable trays and general horizontal applications when installed in accordance with NEC article 770-51 (d) and 770-53 (c)

Compliances:

- UL and c(UL) Listed Type OFN/LS
- ICEA S-104-696
- RoHS Compliant Directive 2002/95/EC

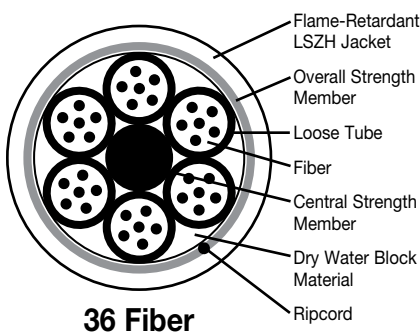
*Sequential meter markings available upon request

CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
							LBS	N	LBS	N
XX0023M1Z	2	2	0.36	9	59	89	600	2670	200	890
XX0044M1Z	4	1	0.36	9	59	89	600	2670	200	890
XX0064M1Z	6	1	0.36	9	59	89	600	2670	200	890
XX0084M1Z	8	2	0.36	9	59	89	600	2670	200	890
XX0124M1Z	12	2	0.36	9	60	89	600	2670	200	890
XX0184M1Z	18	3	0.36	9	60	89	600	2670	200	890
XX0244M1Z	24	4	0.36	9	61	90	600	2670	200	890
XX0364M1Z	36	6	0.38	10	66	98	600	2670	200	890
XX0484M1Z	48	4	0.41	10	74	110	600	2670	200	890
XX0604M1Z	60	5	0.41	10	74	110	600	2670	200	890
XX0724M1Z	72	6	0.44	11	83	123	600	2670	200	890
XX0964M1Z	96	8	0.51	13	100	148	600	2670	200	890
XX1204M1Z	120	10	0.57	15	127	189	600	2670	200	890
XX1444M1Z	144	12	0.63	16	151	225	600	2670	200	890

XX denotes glass type.

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

Typical Cross-Section



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

Ordering Part Number Example

CG0244M1Z

62.5 mm multimode, 24 fibers, loose tube SJ LSZH

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

