

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

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

Inner Jacket:

- Black UV-retardant material LSZH polymer

Armor:

- 0.006" corrugated coated steel tape

Outer Jacket:

- Black - LSZH polymer
- Sequential footage markings*

Features:

- Loose tube gel-filled construction for superior fiber protection
- UV- and moisture-resistant design
- Rodent-resistant construction
- Dry Water Block cable core for ease of handling

Performance:

- Temperature:
 - Storage -40°C (-40°F) to +80°C (+176°F)
 - Operating -40°C (-40°F) to +80°C (+176°F)
 - Installation -20°C (-4°F) to +80°C (+176°F)
- Minimum Bend Radius:
 - 20 X OD—Installation
 - 10 X OD—In-Service
- Maximum Crush Resistance:
 - 500 lbs/in (876 N/cm)

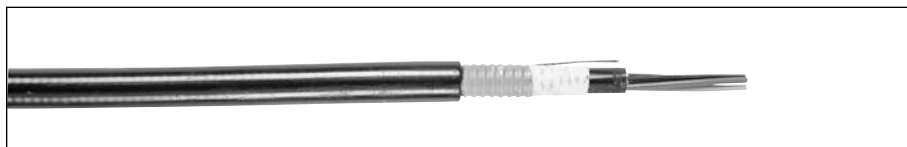
Applications:

- Interbuilding voice or data communication backbones
- Installed in ducts, underground conduits, aerial/lashed or direct buried
- Rapid Transit Systems

Compliances:

- ANSI/TIA/EIA 568B.3
- ICEA S-87-640
- Meets GR-20
- RoHS Compliant Directive 2002/95/EC

*Sequential meter markings available upon request

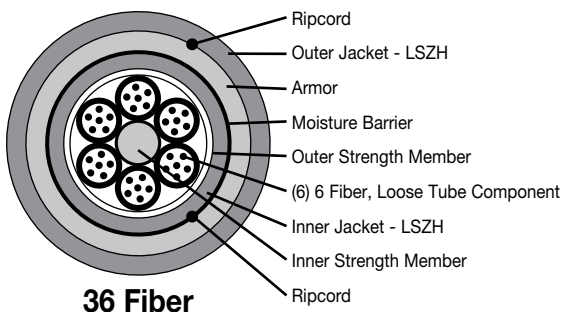


CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NO. OF FILLERS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
				IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
								LBS	N	LBS	N
XX0023H1L	2	2	3	0.56	15	120	194	600	2670	200	890
XX0044H1L	4	1	4	0.56	15	120	194	600	2670	200	890
XX0064H1L	6	1	4	0.56	15	120	194	600	2670	200	890
XX0084H1L	8	2	3	0.56	15	120	194	600	2670	200	890
XX0124H1L	12	2	3	0.56	15	120	194	600	2670	200	890
XX0184H1L	18	3	2	0.56	15	120	194	600	2670	200	890
XX0244H1L	24	4	1	0.56	15	120	194	600	2670	200	890
XX0364H1L	36	6	0	0.62	16	181	269	600	2670	200	890
XX0484H1L	48	4	1	0.66	17	190	283	600	2670	200	890
XX0604H1L	60	5	0	0.66	17	192	286	600	2670	200	890
XX0724H1L	72	6	0	0.68	17	197	293	600	2670	200	890
XX0964H1L	96	8	0	0.71	18	240	357	600	2670	200	890
XX1204H1L	120	10	0	0.74	19	255	379	600	2670	200	890
XX1444H1L	144	12	0	0.83	21	270	402	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

CG0244H1L

62.5 mm multimode, 24 fibers, loose tube DJ LSZH

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