

# Loose Tube Single Jacket Plenum Cable

Type OFNP, CSA FT-6

**Product Construction:**

**Fiber:**

- 2–144 fibers
- Dry loose tube with super-absorbent polymer
- Color-coding per TIA/EIA 598B

**Central Strength Member:**

- Epoxy/glass rod

**Overall Strength Member:**

- Aramid fiber yarn

**Jacket:**

- PVDF black UV-, moisture-resistant and flame-retardant materials; different colors available upon request
- Sequential footage markings\*

**Options:**

- Interlock steel or aluminum (-ILP or -ILPA)
- Dry Water Block cable for ease of handling (gel)

**Features:**

- Loose tube plenum design provides maximum cable route flexibility
- Dry loose tube for ease of termination
- Enhanced temperature performance
- Excellent chemical-resistant cable for harsh industrial environments

**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: 150 lbs/in (263 N/cm)

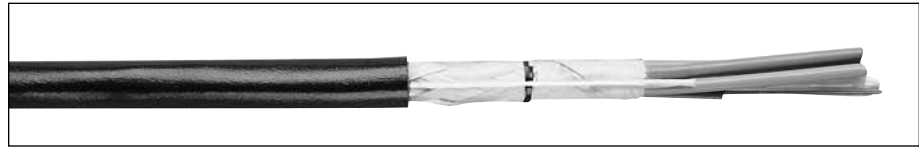
**Applications:**

- Interbuilding and intrabuilding voice or data communication backbones
- Install in ducts, underground conduits or aerial/lashed
- ETL Listed Type OFNP for installation in plenum airways and horizontal applications when installed in accordance with NEC article 770-51 (a) and 770-53 (a)

**Compliances:**

- ETL and c(ETL) Listed Type OFNP
- CSA FT-6
- ICEA S-104-696
- RoHS Compliant Directive 2002/95/EC

\*Sequential meter markings available upon request



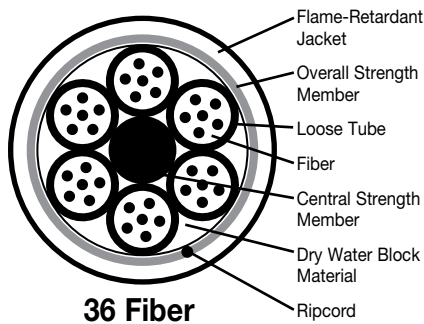
CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD				
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE		
								LBS	N	LBS	N
XX0023M1D-DT	2	2	0.31	8	46	69	300	1334	100	445	
XX0044M1D-DT	4	1	0.31	8	47	70	300	1334	100	445	
XX0064M1D-DT	6	1	0.31	8	48	71	300	1334	100	445	
XX0084M1D-DT	8	2	0.31	8	46	69	300	1334	100	445	
XX0124M1D-DT	12	2	0.31	8	47	69	300	1334	100	445	
XX0184M1D-DT	18	3	0.31	8	45	67	300	1334	100	445	
XX0244M1D-DT	24	4	0.31	8	44	65	300	1334	100	445	
XX0364M1D-DT	36	6	0.34	9	50	75	300	1334	100	445	
XX0484M1D-DT	48	4	0.38	10	57	85	300	1334	100	445	
XX0604M1D-DT	60	5	0.38	10	54	80	300	1334	100	445	
XX0724M1D-DT	72	6	0.41	10	65	97	300	1334	100	445	
XX0964M1D-DT	96	8	0.48	12	98	146	300	1334	100	445	
XX1444H1D-DT*	144	12	0.69	18	179	266	300	1334	100	445	

XX denotes glass type.

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

\* Double jacket design

**Typical Cross-Section**



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

**Ordering Part Number Example**

**CG0124M1D-DT**

62.5 mm multimode, 12 fibers, loose tube plenum

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