

Loose Tube Single Jacket Plenum Cable

Type OFNP, CSA FT6

Product Construction:

Fiber:

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

Central Strength Member:

- Epoxy/glass rod

Overall Strength Member:

- Aramid fiber yarn

Jacket:

- Sequential footage markings*

Options:

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

Features:

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

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:
150 lbs/in (263 N/cm)

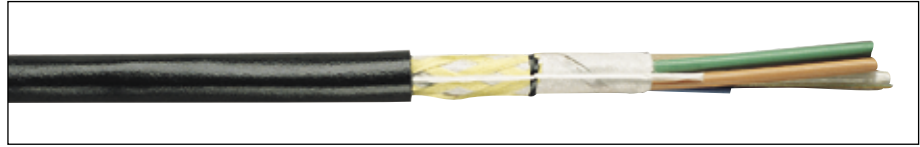
Applications:

- 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 770.154 and 770.179

Compliances:

- ETL Listed Type OFNP
- CSA FT6
- ICEA S-104-696
- RoHS Compliant Directive 2011/65/EU

*Sequential meter markings available upon request



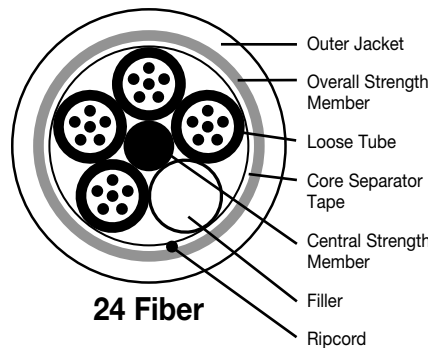
CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
							LBS	N	LBS	N
XX0023M1D-DT	2	2	0.31	8	46	69	300	1334	100	445
XX0044M1D-DT	4	1	0.31	8	47	70	300	1334	100	445
XX0064M1D-DT	6	1	0.31	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

AQ0124M1D-DT

Singlemode, 12 fibers, loose tube plenum

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