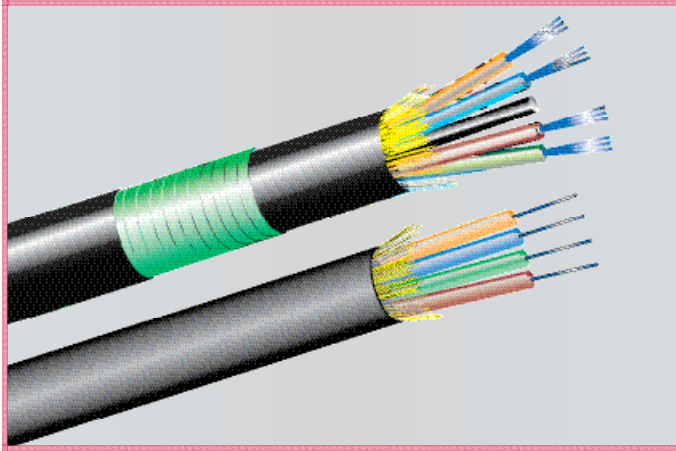


Fiber Optic Cable

WEST PENN WIRE



It seems that **West Penn Wire's** reputation as the leading producer of high-quality copper cable all too frequently eclipses the fact that our fiber line is just as impressive...and comprehensive. And Fiber Optic cables are used in all markets that we serve.

The Fiber Optic line includes indoor and outdoor cable products in tight buffered and loose tube constructions.

These cables are categorized as follows:

- Interconnect cable - Simplex and Duplex; Tight Buffer, riser and plenum
- Distribution cable - Tight Buffer, indoor riser, plenum and LSZH
- Breakout Style cable - Tight Buffer, indoor riser, and plenum
- Industrial Armored cable - Tight Buffer, riser and plenum
- Central Tube cable - Loose Tube - Loose Tube, outdoor and outdoor armored
- Indoor/Outdoor tight buffed tube.



For more detailed information on our Fiber Optic cables, contact our Customer Service Department at **1-800-245-4964**, or e-mail us at **sales@westpenn-wpw.com**. Web site: **www.westpenn-wpw.com**

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Fiber Optic Cable



Fiber Optic Cable Simplex and Duplex Cable/ Riser 2.8mm Diameter

Applications:

- Patch Cables
- Short Run Office Wiring
- Computer room wiring

Description:

- 900 μ m tight buffered fibers
- Color Coded for easy termination
- Flame Retardant
- UL listed for code compliance

Rating:

- NEC Type **OFNR**
- Flame Rating: UL1666



Catalog No.	Glass Type	No. of Fibers	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
M9A001	50/125 μ m	1	1.7 inch 4.2 cm	1.1 inch 2.8 cm	90lbs. 400 Newtons
M9B001	62.5/125 μ m	1	1.7 inch 4.2 cm	1.1 inch 2.8 cm	90lbs. 400 Newtons
M93001	8/125 μ m	1	1.7 inch 4.2 cm	1.1 inch 2.8 cm	90lbs. 400 Newtons
M9A002	50/125 μ m	2	1.7 inch 4.2 cm	1.1 inch 2.8 cm	180lbs. 800 Newtons
M9B002	62.5/125 μ m	2	1.7 inch 4.2 cm	1.1 inch 2.8 cm	180lbs. 800 Newtons
M93002	8/125 μ m	2	1.7 inch 4.2 cm	1.1 inch 2.8 cm	180lbs. 800 Newtons

Now Available:

Fiber optic connectors, cable assemblies and accessories. For more information see our Accessories section.

Optical Characteristics				
Glass Type	Code (X)	Operating Wavelength (nm)	Min. Bandwidth (MHz-km)	Max. Attn. (dB-km)
50/125 μ m MultiMode	A	850nm/1300nm	500/500	3.50/1.25
62.5/125 μ m MultiMode	B	850nm/1300nm	200/500	3.50/1.25
8/125 μ m SingleMode	3	1300nm/1550nm	--	.80/.50

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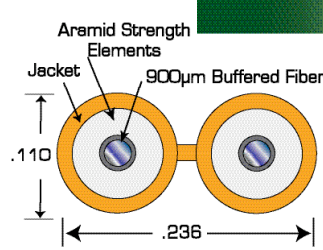
Fiber Optic Cable

Fiber Optic Cables

Simplex and Duplex Cable/ Plenum
2.8mm Diameter

Applications:

- Patch Cables
- Short Run Office Wiring
- Computer room wiring



WEST PENN WIRE

Description:

- 900µm tight buffered fibers
- Color Coded for easy termination
- Flame Retardant
- UL listed for code compliance

Rating:

- NEC Type **OFNP**
- Flame Rating: NFPA262 Smoke and Flame Test

Catalog No.	Glass Type	No. of Fibers	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
M9A003 †	50/125µm	1	1.7 inch 4.2 cm	1.1 inch 2.8 cm	90lbs. 400 Newtons
M9B003 †	62.5/125µm	1	1.7 inch 4.2 cm	1.1 inch 2.8 cm	90lbs. 400 Newtons
M9A004 †	50/125µm	2	1.7 inch 4.2 cm	1.1 inch 2.8 cm	180lbs. 800 Newtons
M9B004 †	62.5/125µm	2	1.7 inch 4.2 cm	1.1 inch 2.8 cm	180lbs. 800 Newtons

Notes:

† - See Optical Characteristics Chart for selecting proper Part No. for your application - [Page 120](#)

West Penn Wire fiber products are manufactured at our Massachusetts plant and at times are made to order. West Penn Wire fiber products cannot be combined with shipments from any other warehouse



Optimax Installation Kit

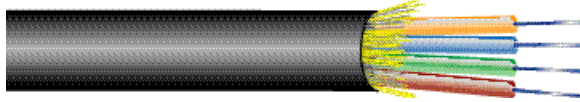
West Penn Wire Offers a complete line of Fiber Optic Installation Accessories.

- Optimax Installation Kits
- ST/ SC and LC Connectors
- Fiber Optic Cable Assemblies
- Fiber Optic Testing Equipment

SEE OUR ACCESSORIES SECTION FOR SPECIFIC INFORMATION AND PART NUMBERS.

Fiber Optic Cable

WEST PENN WIRE



Fiber Optic Cable Distribution Cable/ Riser Individual Fibers with Overall Jacket

Description:

- 900µm tight buffered fibers • Color Coded for easy termination • Flame Retardant • UL listed for code compliance

Rating:

- NEC Type **OFNR**
- Flame Rating: UL1666

Applications:

- Riser Wiring
- Office Wiring
- Computer Room Wiring



Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
		Inches			
M9X037 †	2	.184	2.8 inch 7.0 cm	1.8 inch 4.7 cm	180 lbs. 801 Newtons
M9X038 †	4	.200	3.0 inch 7.6 cm	2.0 inch 5.1 cm	180 lbs. 801 Newtons
M9X039 †	6	.220	3.3 inch 8.4 cm	2.2 inch 5.6 cm	270 lbs. 1201 Newtons
M9X040 †	8	.235	3.5 inch 8.9 cm	2.4 inch 6.1 cm	270 lbs. 1201 Newtons
M9X042 †	12	.255	3.8 inch 9.6 cm	2.6 inch 6.6 cm	300 lbs. 1334 Newtons
M9X602 †	24	.496	7.4 inch 18.8 cm	5.0 inch 12.7 cm	960 lbs. 4270 Newtons
M9X604 †	36	.627	9.4 inch 23.9 cm	6.3 inch 16.0 cm	945 lbs. 4203 Newtons
M9X606 †	48	.644	9.7 inch 24.6 cm	6.4 inch 16.5 cm	1440 lbs. 6405 Newtons

Optical Characteristics				
Glass Type	Code (X)	Operating Wavelength (nm)	Min. Bandwidth (MHz-km)	Max. Attn. (dB-km)
50/125µm MultiMode	A	850nm/1300nm	500/500	3.50/1.25
62.5/125µm MultiMode	B	850nm/1300nm	200/500	3.50/1.25
8/125µm SingleMode	3	1300nm/1550nm	--	.80/.50

Notes:

† - See Optical Characteristics Chart for selecting proper Part No. for your application

When ordering: In ordering to specify the correct optical fiber, replace "X" in catalog number with the proper code number.

Example: WP9X038 WP9A038 = 4 Fiber 50/125 fiber Cables



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Fiber Optic Cable

WEST PENN WIRE

Fiber Optic Cables

Distribution Cable/ Plenum

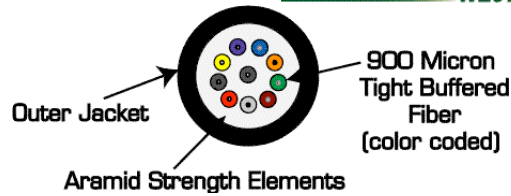
Individual Fiber with Overall Jackets

Applications:

- Riser & Plenum Wiring
- Office Wiring
- Computer Room Wiring

Rating:

- NEC Type **OFNP**
- Flame Rating: NFPA262 Smoke and Flame Test



Description:

- 900µm tight buffered fibers
- Color Coded for easy termination
- Flame Retardant
- UL listed for code compliance

Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
		Inches			
M9X043 †	2	.184	2.8 inch 7.0 cm	1.8 inch 4.7 cm	180 lbs. 801 Newtons
M9X044 †	4	.184	2.8 inch 7.0 cm	1.8 inch 4.7 cm	195 lbs. 867 Newtons
M9X045 †	6	.200	3.0 inch 7.6 cm	2.0 inch 5.1 cm	270 lbs. 1201 Newtons
M9X046 †	8	.222	3.3 inch 8.5 cm	2.2 inch 5.6 cm	270 lbs. 1201 Newtons
M9X048 †	12	.225	3.4 inch 8.6 cm	2.3 inch 5.8 cm	300 lbs. 1334 Newtons
M9X612 †	24	.498	7.5 inch 19.0 cm	5.0 inch 12.6 cm	1263 lbs. 5618 Newtons
M9X614 †	36	.604	9.2 inch 23.4 cm	6.1 inch 15.6 cm	1913 lbs. 8509 Newtons
M9X616 †	48	.615	9.2 inch 23.4 cm	6.1 inch 15.6 cm	1245 lbs. 5538 Newtons

Notes:

† - See Optical Characteristics Chart for selecting proper Part No. for your application

When ordering: In ordering to specify the correct optical fiber, replace "X" in catalog number with the proper code number.

Example: WP9X044 WP93044 = 4 Fiber 8/125 fiber Cables

Optical Characteristics				
Glass Type	Code (X)	Operating Wavelength (nm)	Min. Bandwidth (MHz-km)	Max. Attn. (dB-km)
50/125µm MultiMode	A	850nm/1300nm	500/500	3.50/1.25
62.5/125µm MultiMode	B	850nm/1300nm	200/500	3.50/1.25
8/125µm SingleMode	3	1300nm/1550nm	--	.80/.50

plus
CORNING
Optical Fiber

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Fiber Optic Cable

WEST PENN WIRE



Fiber Optic Cable

Breakout Cable/ Riser
Individual 2.0mm - Sub-unit Jackets

Applications:

- Riser Wiring
- Office Wiring
- Computer Room Wiring



Description:

- 900µm tight buffered fibers • Color Coded for easy termination • Flame Retardant • UL listed for code compliance • Individual Sub-unit Jackets

Rating:

- NEC Type **OFNR**
- Flame Rating: UL1666

Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius	Min Bend radius	Max. Load Installation
		Inches	Short Term	Long Term	
M9X005 †	2	.260	3.9 inch 9.9 cm	2.6 inch 6.6 cm	180 lbs. 801 Newtons
M9X006 †	4	.321	4.8 inch 12.2 cm	3.3 inch 8.1 cm	345 lbs. 1535 Newtons
M9X007 †	6	.358	5.4 inch 13.6 cm	3.6 inch 9.1 cm	543 lbs. 2415 Newtons
M9X008 †	8	.405	6.1 inch 15.4 cm	4.1 inch 10.3 cm	600 lbs. 2700 Newtons
M9X009 †	10	.454	6.8 inch 17.3 cm	4.5 inch 11.5 cm	600 lbs. 2700 Newtons
M9X010 †	12	.514	7.7 inch 19.6 cm	5.1 inch 13.1 cm	600 lbs. 2700 Newtons
M9X011 †	18	.520	7.7 inch 19.6 cm	5.1 inch 13.1 cm	600 lbs. 2700 Newtons
M9X012 †	24	.590	8.9 inch 22.6 cm	5.9 inch 15.0 cm	600 lbs. 2700 Newtons
M9X083 †	36	.680	10.2 inch 25.9 cm	6.8 inch 17.3 cm	600 lbs. 2700 Newtons

Optical Characteristics				
Glass Type	Code (X)	Operating Wavelength (nm)	Min. Bandwidth (MHz-km)	Max. Attn. (dB-km)
50/125µm MultiMode	A	850nm/1300nm	500/500	3.50/1.25
62.5/125µm MultiMode	B	850nm/1300nm	200/500	3.50/1.25
8/125µm SingleMode	3	1300nm/1550nm	--	.80/.50

Notes:

† - See Optical Characteristics Chart for selecting proper Part No. for your application

When ordering: In ordering to specify the correct optical fiber, replace "X" in catalog number with the proper code number.

Example: WP9X006 WP9B006 = 4 Fiber 62.5/125 fiber Cables



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Fiber Optic Cable

WEST PENN WIRE

Fiber Optic Cables

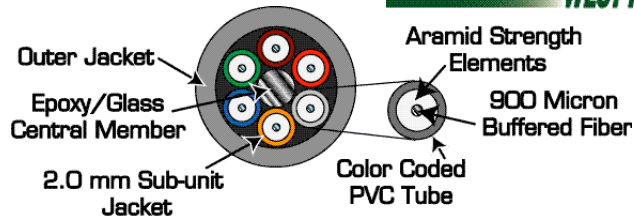
Breakout Cable/ Plenum
Individual 2.0mm- Sub-unit Jackets

Applications:

- Riser & Plenum Wiring
- Office Wiring
- Computer Room Wiring

Rating:

- NEC Type **OFNP**
- Flame Rating: NFPA262 Smoke and Flame Test



Description:

- 900µm tight buffered fibers
- Color Coded for easy termination
- Flame Retardant
- UL listed for code compliance
- Individual Sub-unit Jackets

Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
		Inches			
M9X013 †	2	.230	3.5 inch 8.9 cm	2.3 inch 5.8 cm	180 lbs. 801 Newtons
M9X014 †	4	.263	3.9 inch 9.9 cm	2.6 inch 6.6 cm	345 lbs. 1535 Newtons
M9X015 †	6	.280	4.2 inch 10.7 cm	2.8 inch 7.1 cm	534 lbs. 2415 Newtons
M9X016 †	8	.336	5.1 inch 13.0 cm	3.4 inch 8.7 cm	600 lbs. 2700 Newtons
M9X017 †	10	.385	5.8 inch 14.7 cm	3.9 inch 9.8 cm	600 lbs. 2700 Newtons
M9X018 †	12	.440	6.6 inch 16.8 cm	4.4 inch 11.2 cm	600 lbs. 2700 Newtons
M9X019 †	18	.450	6.8 inch 17.3 cm	4.5 inch 11.4 cm	600 lbs. 2700 Newtons
M9X020 †	24	.538	8.1 inch 20.6 cm	5.4 inch 13.7 cm	600 lbs. 2700 Newtons
M9X082 †	36	.620	9.3 inch 23.6 cm	6.2 inch 15.7 cm	600 lbs. 2700 Newtons

Optical Characteristics				
Glass Type	Code (X)	Operating Wavelength (nm)	Min. Bandwidth (MHz-km)	Max. Attn. (dB-km)
50/125µm MultiMode	A	850nm/1300nm	500/500	3.50/1.25
62.5/125µm MultiMode	B	850nm/1300nm	200/500	3.50/1.25
8/125µm SingleMode	3	1300nm/1550nm	--	.80/.50

Notes:

† - See Optical Characteristics Chart for selecting proper Part No. for your application

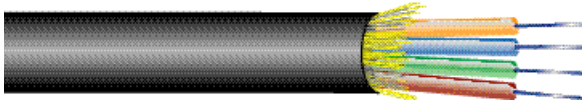
When ordering: In ordering to specify the correct optical fiber, replace "X" in catalog number with the proper code number.

Example: WP9X014 WP93014 = 4 Fiber 8/125 fiber Cables

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Fiber Optic Cable

WEST PENN WIRE



Fiber Optic Cable Central Tube & Loose-Tube Cable Outdoor

Applications:

- Building interconnection
- Telecommunication and Data
- Long haul networking
- Ducts between buildings

Description:

- Available in several fiber counts
- All dielectric central strength member
- Excellent attenuation performance
- Water-blocking gel for moisture protection
- Water-blocking overall tape
- Polyethylene jacket for weather and UV protection

Rating

- Outdoor

Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
		Inches			
M9X150†	2	.325	6.5 inch 16.5 cm	4.9 inch 12.45 cm	600 lbs. 2700 Newtons
	Central Tube Design				
M9X151†	4	.325	6.5 inch 16.5 cm	4.9 inch 12.45 cm	600 lbs. 2700 Newtons
	Central Tube Design				
M9X152†	6	.325	6.5 inch 16.5 cm	4.9 inch 12.45 cm	600 lbs. 2700 Newtons
	Central Tube Design				
M9X155†	12	.325	6.5 inch 16.5 cm	4.9 inch 12.45 cm	600 lbs. 2700 Newtons
	Central Tube Design				
M9X500T†	24	.375	7.5 inch 19.1 cm	5.6 inch 14.3 cm	600 lbs. 2700 Newtons
	6 Fiber Per Tube				
M9X502T†	36	.375	7.5 inch 19.1 cm	5.6 inch 14.3 cm	600 lbs. 2700 Newtons
	6 Fiber Per Tube				
M9X505T†	48	.475	9.5 inch 24.1 cm	7.1 inch 18.1 cm	600 lbs. 2700 Newtons
	12 Fiber Per Tube				

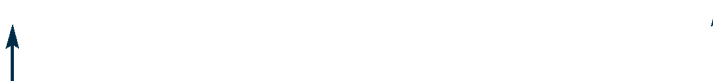
Optical Characteristics				
Glass Type	Code (X)	Operating Wavelength (nm)	Min. Bandwidth (MHz-km)	Max. Attn. (dB-km)
50/125µm MultiMode	A	850nm/1300nm	500/500	3.50/1.25
62.5/125µm MultiMode	B	850nm/1300nm	200/500	3.50/1.25
8/125µm SingleMode	3	1300nm/1550nm	--	.80/.50

Notes:

† - See Optical Characteristics Chart for selecting proper Part No. for your application

When ordering: In ordering to specify the correct optical fiber, replace "X" in catalog number with the proper code number.

Example: WP9X058T WP9B058T = 2 Fiber 62.5/125 fiber Cables



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Fiber Optic Cable

WEST PENN WIRE

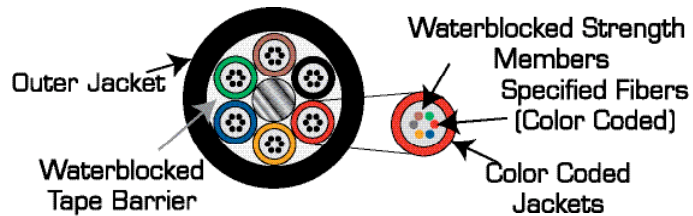
Fiber Optic Cables Indoor/Outdoor Tight Buffer Distribution Cable

Applications:

- Building interconnection
- Telecommunication and Data
- Long haul networking
- Ducts between buildings

Rating:

- Indoor/Outdoor Design
- **OFNR**- Riser Rated
- **OFNP**- Plenum Rated
- Fully Water-Blocked TIA455-82 Test



Description:

- 900µm tight buffered fibers
- Color Coded for easy termination
- Flame Retardant
- UL listed for code compliance
- Individual Sub-unit Jackets

NEW

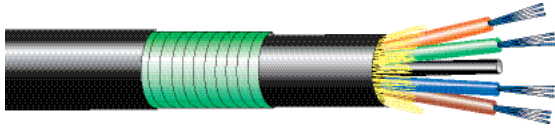
Catalog No.	No. of Fibers	Nom. O.D. Inches	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
M9X045T†	6	.190	3.0 inch 7.6 cm	2.0 inch 5.1 cm	300 lbs. 1335 Newtons
M9X048T†	12	.225	3.4 inch 8.6 cm	2.3 inch 5.8 cm	300 lbs. 1335 Newtons
OFNP M9X611T†	24	.330	4.9 inch 12.4 cm	3.3 inch 8.4 cm	600 lbs. 2700 Newtons
M9X614T†	36	.605	9.1 inch 23.1 cm	6.1 inch 15.4 cm	600 lbs. 2700 Newtons
M9X616T†	48	.610	9.2 inch 23.2 cm	6.1 inch 15.5 cm	600 lbs. 2700 Newtons
M9X039T†	6	.220"	3.3 inch 8.4 cm	2.2 inch 5.6 cm	300 lbs. 1335 Newtons
M9X042T†	12	.255	3.8 inch 9.6 cm	2.6 inch 6.6 cm	300 lbs. 1335 Newtons
OFNR M9X601T†	24	.325	4.9 inch 12.4 cm	3.3 inch 8.4 cm	600 lbs. 2700 Newtons
M9X604T†	36	.655	9.8 inch 25.0 cm	6.6 inch 16.6 cm	600 lbs. 2700 Newtons
M9X606T†	48	.638	9.6 inch 24.3 cm	6.4 inch 16.2 cm	600 lbs. 2700 Newtons

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Notes:
† - See Optical Characteristics Chart for selecting proper Part No. for your application - **PG. 128**

Fiber Optic Cable

WEST PENN WIRE



Fiber Optic Cable Armored Central Tube Cable Outdoor - Direct Burial

Applications:

- Building interconnection
- Telecommunication and Data
- Long haul networking
- Ducts between buildings



Description:

- Available in several fiber counts
- All dielectric central strength member
- Excellent attenuation performance
- Water-blocking gel for moisture protection
- Water-blocking overall tape
- Armored barrier
- Polyethylene jacket for weather and UV protection

Rating:

- Outdoor- Direct Burial

Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius	Min Bend radius	Max. Load Installation
		Inches	Short Term	Long Term	
M9X170†	2	.410	8.2 inch 20.8 cm	6.15 inch 15.6 cm	600 lbs. 2700 Newtons
	Central Tube Design				
M9X171†	4	.410	8.2 inch 20.8 cm	6.15 inch 15.6 cm	600 lbs. 2700 Newtons
	Central Tube Design				

Optical Characteristics				
Glass Type	Code (X)	Operating Wavelength (nm)	Min. Bandwidth (MHz-km)	Max. Attn. (dB-km)
50/125µm MultiMode	A	850nm/1300nm	500/500	3.50/1.25
62.5/125µm MultiMode	B	850nm/1300nm	200/500	3.50/1.25
8/125µm SingleMode	3	1300nm/1550nm	--	.80/.50

Notes:

† - See Optical Characteristics Chart for selecting proper Part No. for your application

When ordering: In ordering to specify the correct optical fiber, replace "X" in catalog number with the proper code number.

Example: WP9X358T WP9B358T = 2 Fiber 62.5/125 fiber Cables



Fiber Optic Cable

WEST PENN WIRE

Fiber Optic Cables

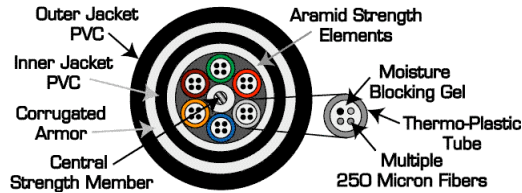
Armored Loose-Tube Cable
Outdoor - Direct Burial

Applications:

- Building interconnection
- Telecommunication and Data
- Long haul networking
- Ducts between buildings

Rating:

Outdoor - Direct Burial



Description:

- Available in several fiber counts
- All dielectric central strength member
- Excellent attenuation performance
- Water-blocking gel for moisture protection
- Water-blocking overall tape
- Armored barrier
- Polyethylene jacket for weather and UV protection

Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
		Inches			
M9X381T†	6	.530	10.6 inch	8.0 inch	600 lbs.
	6 Fiber Per Tube		26.9 cm	20.2 cm	2700 Newtons
M9X382T†	12	.530	10.6 inch	8.0 inch	600 lbs.
	6 Fiber Per Tube		26.9 cm	20.2 cm	2700 Newtons
M9X384T†	24	.530	10.6 inch	8.0 inch	600 lbs.
	6 Fiber Per Tube		26.9 cm	20.2 cm	2700 Newtons
M9X386T†	36	.530	10.6 inch	8.0 inch	600 lbs.
	6 Fiber Per Tube		26.9 cm	20.2 cm	2700 Newtons
M9X389T†	48	.610	12.2 inch	9.2 inch	600 lbs.
	12 Fiber Per Tube		31.0 cm	23.2 cm	2700 Newtons
M9X391T†	72	.610	12.2 inch	9.2 inch	600 lbs.
	12 Fiber Per Tube		31.0 cm	23.2 cm	2700 Newtons
M9X398T†	96	.690	13.8 inch	10.4 inch	600 lbs.
	12 Fiber Per Tube		35.1 cm	26.4 cm	2700 Newtons
M9X393T†	144	.870	17.4 inch	13.1 inch	600 lbs.
	12 Fiber Per Tube		44.2 cm	33.3 cm	2700 Newtons

Notes:

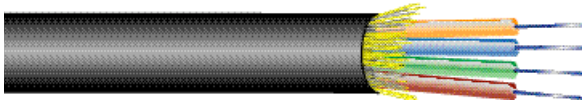
† - See Optical Characteristics Chart for selecting proper Part No. for your application - Page 128



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Fiber Optic Cable

WEST PENN WIRE



Fiber Optic Cable Riserlite™ Loose-Tube 250µm Cable Indoor/Outdoor

Applications:

- Building interconnection
- Telecommunication and Data
- Long haul networking
- Ducts between buildings



Description:

- Available in several fiber counts
- All dielectric central strength member
- Excellent attenuation performance
- Water-blocking gel for moisture protection
- PVC jacket for weather and UV protection

Rating:

- Indoor/Outdoor - **OFNR**

Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
		Inches			
M9X810 †	6	.380	7.6 inch 19.3 cm	5.7 inch 14.5 cm	600 lbs. 2700 Newtons
M9X811 †	12	.380	7.6 inch 19.3 cm	5.7 inch 14.5 cm	600 lbs. 2700 Newtons
M9X812 †	24	.380	7.6 inch 19.3 cm	5.7 inch 14.5 cm	600 lbs. 2700 Newtons
M9X813 †	36	.380	7.6 inch 19.3 cm	5.7 inch 14.5 cm	600 lbs. 2700 Newtons
M9X814 †	48	.480	9.6 inch 24.3 cm	7.2 inch 18.3 cm	600 lbs. 2700 Newtons
M9X815 †	72	.480	9.6 inch 24.3 cm	7.2 inch 18.3 cm	600 lbs. 2700 Newtons
M9X816 †	96	.547	10.9 inch 27.7 cm	8.2 inch 20.7 cm	600 lbs. 2700 Newtons
M9X817 †	144	.700	14.0 inch 35.6 cm	10.5 inch 26.5 cm	600 lbs. 2700 Newtons

Optical Characteristics				
Glass Type	Code (X)	Operating Wavelength (nm)	Min. Bandwidth (MHz-km)	Max. Attn. (dB-km)
50/125µm MultiMode	A	850nm/1300nm	500/500	3.50/1.25
62.5/125µm MultiMode	B	850nm/1300nm	200/500	3.50/1.25
8/125µm SingleMode	3	1300nm/1550nm	--	.80/.50

Notes:

† - See Optical Characteristics Chart for selecting proper Part No. for your application

When ordering: In ordering to specify the correct optical fiber, replace "X" in catalog number with the proper code number.

Example: WP9X810T WP9B810T = 6 Fiber 62.5/125 fiber Cables

Fiber Optic Cable

WEST PENN WIRE

Fiber Optic Cables

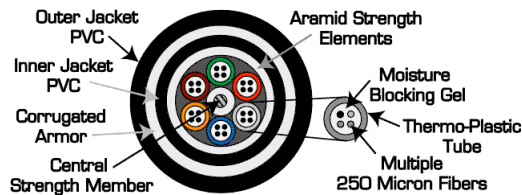
Riserlite™ Armored Loose-Tube Cable
Indoor/Outdoor - Direct Burial

Applications:

- Building interconnection
- Telecommunication and Data
- Long haul networking
- Ducts between buildings

Rating:

Indoor/ Outdoor - **OFCR**



Description:

- Available in several fiber counts
- All dielectric central strength member
- Excellent attenuation performance
- Water-blocking gel for moisture protection
- Armored barrier
- PVC jacket for weather and UV protection

Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
		Inches			
M9X890 †	6	.540	10.8 inch 27.4 cm	8.1 inch 20.6 cm	600 lbs. 2700 Newtons
M9X891 †	12	.540	10.8 inch 27.4 cm	8.1 inch 20.6 cm	600 lbs. 2700 Newtons
M9X892 †	24	.540	10.8 inch 27.4 cm	8.1 inch 20.6 cm	600 lbs. 2700 Newtons
M9X893 †	36	.540	10.8 inch 27.4 cm	8.1 inch 20.6 cm	600 lbs. 2700 Newtons
M9X894 †	48	.660	13.2 inch 33.5 cm	9.9 inch 25.1 cm	600 lbs. 2700 Newtons
M9X895 †	72	.660	13.2 inch 33.5 cm	9.9 inch 25.1 cm	600 lbs. 2700 Newtons
M9X896 †	96	.700	14.0 inch 35.6 cm	10.5 inch 26.7 cm	600 lbs. 2700 Newtons
M9X897 †	144	.880	17.6 inch 44.7 cm	13.2 inch 33.5 cm	600 lbs. 2700 Newtons

Notes:

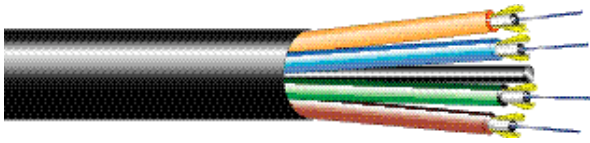
† - See Optical Characteristics Chart for selecting proper Part No. for your application- [Page 130](#)



West Penn Wire fiber products are manufactured at our Massachusetts plant and at times are made to order. West Penn Wire fiber products cannot be combined with shipments from any other warehouse

Fiber Optic Cable

WEST PENN WIRE



Fiber Optic Cable

Versalite™ Plenum

Indoor/Outdoor

Description:

- Available in several fiber counts
- All dielectric central strength member
- Excellent attenuation performance
- Water-blocking gel for moisture protection
- PVC jacket for weather and UV protection

Rating:

- Indoor/Outdoor - **OFNP**



Applications:

- Building interconnection
- Telecommunication and Data
- Long haul networking
- Ducts between buildings

Catalog No.	No. of Fibers	Nom. O.D.	Min Bend radius Short Term	Min Bend radius Long Term	Max. Load Installation
		Inches			
M9X202 †	6	.265	5.3 inch 13.5 cm	4.0 inch 10.2 cm	320 lbs. 1423 Newtons
M9X204 †	12	.265	5.3 inch 13.5 cm	4.0 inch 10.2 cm	320 lbs. 1423 Newtons
M9X205 †	24	.359	7.2 inch 18.3 cm	5.4 inch 13.7 cm	405 lbs. 1801 Newtons
M9X206 †	36	.359	7.2 inch 18.3 cm	5.4 inch 13.7 cm	405 lbs. 1801 Newtons
M9X207 †	48	.359	7.2 inch 18.3 cm	5.4 inch 13.7 cm	405 lbs. 1801 Newtons
M9X209 †	72	.429	8.6 inch 21.8 cm	6.4 inch 16.3 cm	585 lbs. 2602 Newtons
M9X211 †	96	.501	10.0 inch 25.4 cm	7.5 inch 19.1 cm	903 lbs. 4017 Newtons
M9X215 †	144	.665	13.3 inch 33.8 cm	10.0 inch 25.4 cm	1263 lbs. 5618 Newtons

Optical Characteristics				
Glass Type	Code (X)	Operating Wavelength (nm)	Min. Bandwidth (MHz-km)	Max. Attn. (dB-km)
50/125µm MultiMode	A	850nm/1300nm	500/500	3.50/1.25
62.5/125µm MultiMode	B	850nm/1300nm	200/500	3.50/1.25
8/125µm SingleMode	3	1300nm/1550nm	--	.80/.50

Notes:

† - See Optical Characteristics Chart for selecting proper Part No. for your application

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Example: WP9X202 WP9B202 = 6 Fiber 62.5/125 fiber Cables

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