

# Fiber Optic Cable

WEST PENN WIRE

## Fiber Optic Cables

Distribution Cable/ Plenum

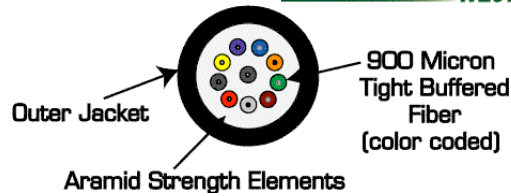
Individual Fiber with Overall Jackets

### 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

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