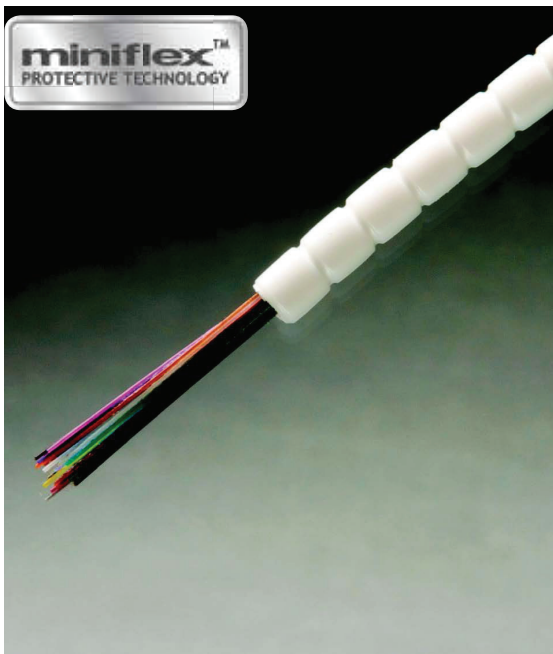


# MiniFlex™ Plenum Cable

Indoor Plenum rated fiber cable available with 2-24 fibers. Industry standard 250 micron Singlemode and Multimode. Tough yet flexible Miniflex™ Plenum Cable can be easily routed in tight areas. The compact and light weight properties are suitable for routing in trays and racks and the cables anti-kink properties makes handling the optical fiber much safer. Available terminated or unterminated.

The cable also provides protection in areas where optical fiber is exposed to human contact, Miniflex™ picks up where your armored cable ends and continues to provide to end to end Optical Fiber Protection.



## Advantages

- Tough
- Lightweight – 11.5kg/km
- Compact – small diameter of 4mm
- Flexible – grooving allows tough polymer to be flexible
- Anti-kink property
- High crush resistance – up to 750N
- Small bend radius – down to 5x OD
- Easier handling, 6,500ft reels weigh less than 37lbs

## Compatibility List

Miniflex™ Plenum Cable is compatible with:

- All normal fiber termination methods (e.g. SC/LC/MTP/E2000)
- Cable push-fit connectors
- Electrical cable style installation – staples or cable clips

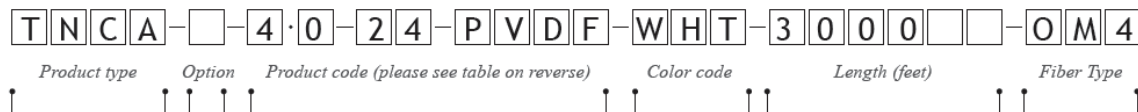
## Applications

- Indoor FTTx
- Data Centers
- Plenum Space

## USA accredited Test results

- Excellent mix of mechanical and fire rating properties
- Exceptional low smoke as observed under NFPA 262

## Enquiry Information: Code Builder



Product Type	Option	Unique Product Code	Color Code	Length	Fiber Type
TNCA = Fiber Cable	A = Aramid	e.g. 4.0-24-PVDF (end column) 4mm OD, 24f, Plenum	(check availability) WHT = White	e.g. 3000 feet	OS1 OS2 OM1 OM2 OM3 ...

# MiniFlex™ Plenum Cable

Authorized Partner



## Miniflex™ Plenum Cable Product List

Fiber Count (250 micron)	Fiber Type	OD (mm)	Crush (n)	Tension (n)	Nominal Weight (kg/km)	Service Temp (Celsius)	Install Temp (Celsius)	Product Code
2	OS1, OS2, OM1, OM2, OM3, OM4	4	750	100N	11.5	-40° to 70°	-40° to 70°	4.0-02-PVDF
4	OS1, OS2, OM1, OM2, OM3, OM4	4	750	100N	11.5	-40° to 70°	-40° to 70°	4.0-04-PVDF
8	OS1, OS2, OM1, OM2, OM3, OM4	4	750	100N	11.5	-40° to 70°	-40° to 70°	4.0-08-PVDF
12	OS1, OS2, OM1, OM2, OM3, OM4	4	750	100N	11.5	-40° to 70°	-40° to 70°	4.0-12-PVDF
18	OS1, OS2, OM1, OM2, OM3, OM4	4	750	100N	11.5	-40° to 70°	-40° to 70°	4.0-18-PVDF
24	OS1, OS2, OM1, OM2, OM3, OM4	4	750	100N	11.5	-40° to 70°	-40° to 70°	4.0-24-PVDF

## TRANSMISSION PERFORMANCE SPECIFICATIONS - MULTIMODE FIBER

Core diameter	50 micron	Buffer / acrylate diameter	250 micron		
Cladding diameter	125 micron	Maximum Attenuation at 850 / 1300 nm < 3.5 / 1.0 dB/km			
Fiber Type	Wavelength (nm)	Minimum Overfilled Launch Bandwidth (MHz*km)	Minimum Effective Modal Bandwidth (MHz*km)	Serial 1 Gigabit Ethernet Distance (m)	Serial 10 Gigabit Ethernet Distance (m)
OM1	850/1300	200/500	220/ -	300/550	33/ -
OM2	850/1300	700/500	950/ -	750/600	150/ -
OM3	850/1300	1500/500	2000/ -	1000/600	300/ -
OM4	850/1300	3500/500	4700/ -	1000/600	550/ -
Operation Temp. Range		-40°F to +158°F (-40°C to +70°C)			