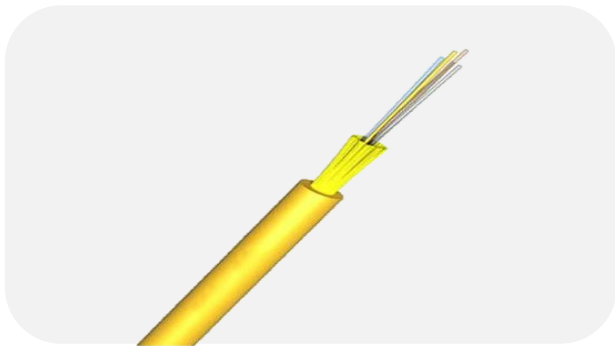


## Indoor/Outdoor Cables

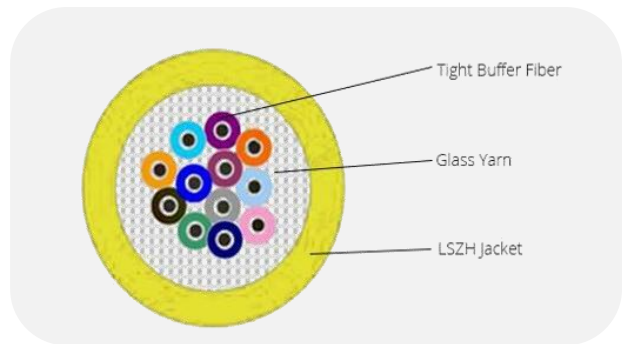
### Non-Armored, Tight-Buffered Indoor/Outdoor

Tight buffered indoor/outdoor cables are constructed of 900µm buffered fibres surrounded by glass yarn strength members with a flame retardant LSZH jacket. Tight-buffered cable design typically provides smaller package and simple installation. The strength member is made of non-metallic and water blocking glass yarn to act as strain relief element for the fibers. It is widely used in local area networks and fiber backbones, suitable for installation in trunking, under floor or ceiling spaces.

#### Tight-Buffered Indoor/Outdoor



#### Inner Structure



## Features and Benefits

- Low shrinkage and high tensile strength
- Lower costs of terminating tight-buffered cables
- Small diameter, light weight and friendly installation
- LSZH jacket ensures good flame retardant performance
- Glass yarn strength member enhances waterproof performance

## Application

- Local area networks
- Point-to-point links in cities and buildings
- Moderate distance transmission for telco local loop
- Fiber backbones in riser and horizontal

## Technical Specifications

Parameter	Unit	Life Cycle	4F	6F	8F	12F	24F
Minimum Tensile Strength	N	short term	2000	2000	2000	2000	2000
		long term	1000	1000	1000	1000	1000
Minimum Crush Load	N/100 mm	short term	1000	1000	1000	1000	1000
		long term	300	300	300	300	300
Minimum Bending Radius	MM	short term	20D	20D	20D	20D	20D
		long term	10D	10D	10D	10D	10D
Storage Temperature	°C			-40 to +60			

## Optical Characteristic

Parameter	Unit	G.652		50/125μm		62.5/125μm	
Attenuation	dB/km	1310nm	≤0.36	850nm	≤3.0	850nm	≤3.0
		1550nm	≤0.22	1300nm	≤1.0	1300nm	≤1.0
Bandwidth	MHz·km	-	-	850nm	≥600	850nm	≥200
		-	-	1300nm	≥1200	1300nm	≥600
Numerical Aperture	NA	-	-	0.200±0.015		0.275±0.015	

## Order Information

### Non-Armored, Tight-Buffered Indoor/Outdoor

Fiber Count	Part Number	Flammability Rating	Cable Diameter (mm)	Weight (kg/km)
<b>Singlemode 9/125 OS2</b>				
4F	NALT-OS2-4FL	LSZH	6.3±0.2	55
6F	NALT-OS2-6FL	LSZH	6.3±0.2	55
8F	NALT-OS2-8FL	LSZH	6.3±0.2	55
12F	NALT-OS2-12FL	LSZH	6.3±0.2	55
24F	NALT-OS2-24FL	LSZH	6.3±0.2	55



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