

Tight Buffered Fibre Optic Cable (4-24 core)

Optronics Tight Buffered internal/external cables are constructed of 900µm buffered fibres surrounded by aramid yarn strength members sheathed in a LSZH outer jacket.

Features

- ▶ Choice of fibre type
- ▶ Colour coded fibres
- ▶ High strength aramid yarn strength member
- ▶ LSZH sheath
- ▶ Easy to strip

Benefits

- ▶ Internal cable for installation in trunking, under floor or ceiling spaces
- ▶ Short run external links between buildings
- ▶ Fibre backbones in riser and horizontal configurations

Technical Specification

DESCRIPTION		4-CORE LSZH	8-CORE LSZH	12-CORE LSZH	24-CORE LSZH
Outer Diameter	mm	4.8	6.2	6.8	8.4
Weight	kg/km	23	35	46	66
Max. Load (installation)	N	270	480	600	720
Max. Load (installed)	N	90	160	200	240
Min. Bend Radius (installation)	mm	20D	20D	20D	20D
Min. Bend Radius (installed)	mm	10D	10D	10D	10D
Fire Performance		LSZH	LSZH	LSZH	LSZH
Operating Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60
Storage Temp.	°C	-20~+70	-20~+70	-20~+70	-20~+70
Installation Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60

Product Range

PRODUCT DESCRIPTION	PRODUCT DESCRIPTION
OM1 62.5/125µm Multimode	OM3 50/125µm Multimode
4-Core	4-Core
8-Core	8-Core
12-Core	12-Core
24-Core	24-Core
OM2 50/125µm Multimode	OS1 9/125µm Singlemode
4-Core	4-Core
8-Core	8-Core
12-Core	12-Core
24-Core	24-Core

