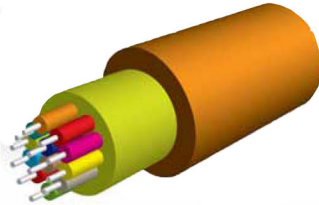
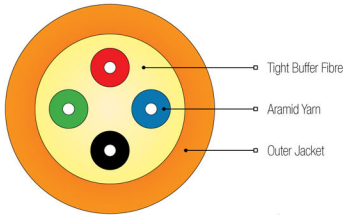


## Tight Buffered Distribution Cable



### FEATURES

- Choice of fibre type
- Choice of colour coded fibres
- 100% Dielectric
- LSZH1 Outer Jacket
- High strength aramid-yarn strength member
- Easy to strip (see OPTiFab Tools, p. XX)
- Choice of outer jacket material and colour
- OS2, OM1, OM2, OM3 and OM4

### CABLE CHARACTERISTICS

- Tight-buffered 900µm optical fibre
- Aramid-yarn strength member
- Durable outer jacket

### APPLICATIONS

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

### TIGHT BUFFERED DISTRIBUTION CABLE

Fibre Core		2	4	6	8	12
Weight	kg/km	19	22	29	37	49
Outer Diameter	mm	4.5	4.9	5.6	6.3	7.3
Tensile Load (LT)	N	300		500		600
Tensile Load (ST)	N	700		850		1200
Min. Bend Radius	20x Outer Diameters					
Maximum Length	m	4200				
Temperature	°C	-5 ~ +60				
Crush Resistance	N	1000				

### STANDARDS

Environmental and mechanical tests according to: EN 187000 and CEI 60794.

Fire test according to: UNE-EN 50266 (IEC 60332-3) / UNE-EN 50267 (IEC 60754-1) / UNE-EN 50268 (IEC 61034-1/2).

1LSZH = Low-smoke Zero-halogen flame retardant thermoplastic compound

### Fibre Colour Options:



low-smoke  
zero halogen



flame retardant



moisture  
protected



highly flexible



## Ordering Information

MODE	
OM1	OM1
OM2	OM2
OM3	OM3
OM4	OM4
OS2	OS2
G657A1	7A
G657A2	7A2

CONSTRUCTION TYPE	
LOOSE TUBE	LT
TIGHT BUFFERED	TB
STEEL TAPE ARMoured	STA
BREAKOUT	BO
STEEL WIRE ARMOUR	SWA

NO. OF FIBRES	
1 Fibre	1
2 Fibre	2
4 Fibre	4
8 Fibre	8
12 Fibre	12
16 Fibre	16
24 Fibre	24
48 Fibre	48
96 Fibre	96
144 Fibre	144
288 Fibre	288

JACKET	
Low Smoke Zero Hallogen	LS
Poly Ethylene	PE

### Sample Part Number

OS2

TB

24

LS

**OS2TB24-LS**

**OS2 Tight Buffered Cables 24 Fibres Low Smoke Hallogen**

ESTIMATED CABLE WEIGHTS CHART KG/KM							
FIBRE COUNTS	TB	LT	STA	SWA	FLAT	DUPLEX	SIMPLEX
2	19	53	88	180	27	9	7.5
4	22	53	88	180	X	X	X
6	29	53	88	180	X	X	X
8	37	53	88	180	X	X	X
12	49	53	88	180	X	X	X
24	57	60	88	180	X	X	X