

## Tight Buffered in Reelex Boxes (4-12 Fibre)

V.3.1

### Description

4-12, 900µm, tight buffered internal Distribution cable with E-glass strength members and black LSZH jacket.

The distribution cables consist of OM1, OM2, OM3, OM4 & OS1 / OS2, 900µm tight buffered optical fibres with longitudinally applied E-glass rodent resistant non metallic strength members and a black low smoke zero halogen (LSZH) jacket with ripcord.

### Features/Benefits

- ▶ Colour coded fibres
- ▶ E-glass strength members for rodent resistance and tensile strength
- ▶ Robust 900 µm tight buffered fibres for ease of termination
- ▶ Easy stripping
- ▶ Metre marked black LSZH jacket for internal use

### Applications

- ▶ Internal cable for installation in trunking, under floor or ceiling spaces
- ▶ Short run interconnect links
- ▶ Fibre backbones in riser and horizontal configurations where rapid deployment is essential

### Technical Specification (IEC 60794)

PARAMETER	UNIT	VALUE
Crush	N/100mm	1000
Strength member		E-glass
Storage temperature	°C	-20 to 60
Installation temperature	°C	-20 to 60
Operating temperature	°C	-20 to 60
Nominal cable weight	kg/km	34
Fibre count	n	8
Nominal outer diameter	mm	5.8±0.3
Maximum tensile load short term	N	750
Maximum tensile load long term	N	375
Minimum bend radius - Installed	mm	60
Minimum bend radius - Loaded	mm	120

### Fibre Identification (IEC 60304)

No	1	2	3	4	5	6	7	8
Fibre	Blue	Orange	Green	Brown	Grey	White	Red	Black
No	9	10	11	12				
Fibre	Yellow	Violet	Pink	Aqua				

### Fire Performance

Fire Test Description	Fire Test Specification
Smoke emission	IEC 61034-1 & 2
Flammability	IEC 60332-1
Acid gas emission	IEC 60754-1 & 2

### Ordering Information

DESCRIPTION	PART NO.
OM1 62.5/125µm Multimode	
4 Core	<b>OM104TB305LSZH</b>
6 Core	<b>OM106TB305LSZH</b>
8 Core	<b>OM108TB305LSZH</b>
12 Core	<b>OM112TB305LSZH</b>
OM2 50/125µm Multimode	
4 Core	<b>OM204TB305LSZH</b>
6 Core	<b>OM206TB305LSZH</b>
8 Core	<b>OM208TB305LSZH</b>
12 Core	<b>OM212TB305LSZH</b>

DESCRIPTION	PART NO.
OM3 50/125µm Multimode	
4 Core	<b>OM304TB305LSZH</b>
6 Core	<b>OM306TB305LSZH</b>
8 Core	<b>OM308TB305LSZH</b>
12 Core	<b>OM312TB305LSZH</b>
OM4 50/125µm Multimode	
4 Core	<b>OM404TB305LSZH</b>
6 Core	<b>OM406TB305LSZH</b>
8 Core	<b>OM408TB305LSZH</b>
12 Core	<b>OM412TB305LSZH</b>

DESCRIPTION	PART NO.
OS1 / OS2 9/125µm Singlemode	
4 Core	<b>OS104TB305LSZH</b>
6 Core	<b>OS106TB305LSZH</b>
8 Core	<b>OS108TB305LSZH</b>
12 Core	<b>OS112TB305LSZH</b>

