

## 4 to 24 Fibre Steel Tape Armoured Distribution Cable

4 to 24 fibre OM1, OM2, OM3, OM4 multimode or OS1/OS2 (ITU-T G.652D) singlemode 900µm tight buffered steel tape armoured Distribution cables with E-glass strength members and dual Low Smoke Zero Halogen (LSZH) jackets. This cable is ideal for internal/external use without the need for a interconnect splice box.

The Distribution cables consist of 4 to 24, 900µm tight buffered optical fibres with longitudinally applied waterblocking E-glass non metallic strength members and low smoke zero halogen (LSZH) inner jacket. Corrugated steel tape armour and outer black LSZH jacket.



### Features

- Choice of fibre types
- 13 to 24 fibres marked with ring-mark for easy identification
- Colour coded fibres, 1 to 12 colours
- Water blocking E-glass strength members and steel tape armour for rodent resistance
- Robust 900 µm tight buffered fibres for ease of termination
- Black LSZH jacket for internal use and optimised fire performance to IEC 60332-1

### Applications

- Internal/external cable for installation in trunking, under floor or ceiling spaces or external direct burial
- Short run interconnect links
- Fibre backbones in riser and horizontal configurations

### Specification

Parameter	Unit	Value
Crush	N/100mm	3000
Strength member		E-Glass
Storage temperature	°C	-20 to 60
Installation temperature	°C	0 to 50
Operating temperature	°C	-20 to 60
Nominal weight (4 and 6 fibre)	kg/km	109
Nominal weight (8 and 12 fibre)	kg/km	140
Nominal weight (16 and 24 fibre)	kg/km	186
Fibre count	n	4 to 24
Nominal outer diameter (4 and 6 fibre)	mm	8.8 ± 0.5
Nominal outer diameter (8 and 12 fibre)	mm	10.4 ± 0.5
Nominal outer diameter (16 and 24 fibre)	mm	12.9 ± 0.5
Maximum tensile load	N	1000N
		installation
		500N installed
Minimum bend radius	mm	Installed
		10D
Minimum bend radius	mm	Loaded
		20D

### Ordering Information

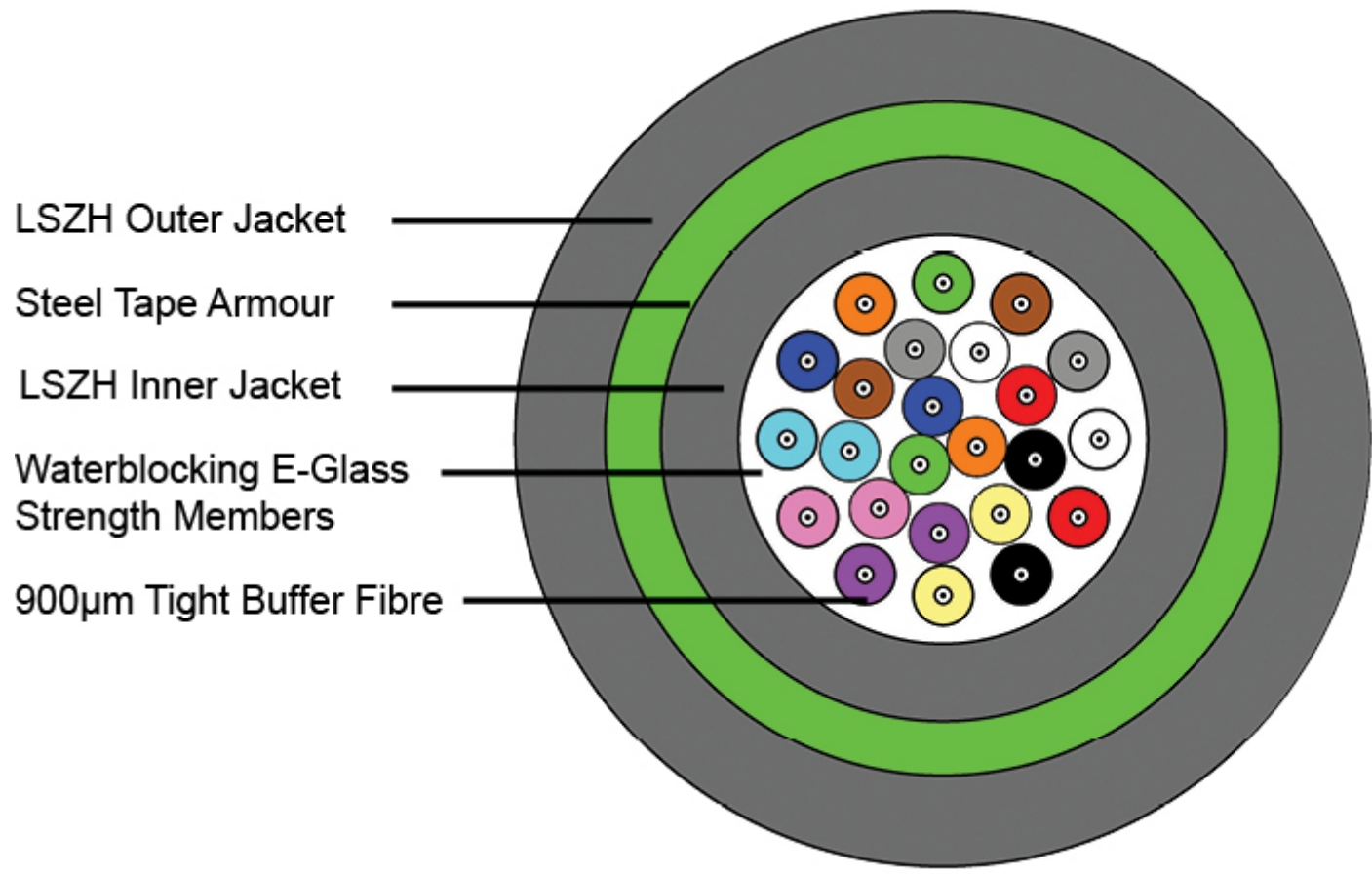
#### Description

OM1 900 µm Internal/External Armoured Distribution Black LSZH Cable  
 OM2 900 µm Internal/External Armoured Distribution Black LSZH Cable  
 OM3 900 µm Internal/External Armoured Distribution Black LSZH Cable  
 OM4 900 µm Internal/External Armoured Distribution Black LSZH Cable  
 OS1/OS2 900 µm Internal/External Armoured Distribution Black LSZH Cable  
 Where \*\* is the fibre count between 4 and 24

#### PART NO.

OM1TBSTA\*\*UBK  
 OM2TBSTA\*\*UBK  
 OM3TBSTA\*\*UBK  
 OM4TBSTA\*\*UBK  
 OS2TBSTA\*\*UBK

### Technical Drawing



LSZH Outer Jacket

Steel Tape Armour

LSZH Inner Jacket

Waterblocking E-Glass  
Strength Members

900µm Tight Buffer Fibre