



## 4 to 24 Fibre Steel Tape Armoured Distribution Cable

4 to 24 fibre 900µm tight buffered steel tape armoured distribution cable with e-glass non-metallic strength members and two Low Smoke Zero Halogen (LSZH) jackets. It is offered with various types of multimode fibre (OM1, OM2, OM3 and OM4) and Singlemode (OS1/OS2 G.652.D). This cable is designed and manufactured for internal/external use.

### Features

- 900µm tight buffered construction
- Offered with multimode (OM1, OM2, OM3, OM4) or singlemode (OS1/OS2 G.652.D) fibres
- Rodent resistant, using e-glass strength members and a steel tape armour
- 13 to 24 fibres marked with ring-mark for easy identification
- Color coded fibres, (1 to 12 colors – with a ring mark for 13 to 24 fibres)
- Black coloured LSZH jacket (as per IEC 60332-1)

### Applications

- Backbone applications in both riser and horizontal)
- Internal applications (trunking, under floor, ceiling spaces)
- External applications (direct burial)

## Specifications

PAREMETER	UNIT	VALUE
Crush	N/100mm	3000
Strength Member		E-Glass
Storage Temperature	°C	-20 to +70
Installation Temperature	°C	0 to +50
Operating Temperature	°C	-20 to +70
Nominal Weight (4 Fibre)	kg/km	156
Nominal Weight (6 Fibre)	kg/km	160
Nominal Weight (12 Fibre)	kg/km	178
Nominal Weight (24 Fibre)	kg/km	209
Fibre count	N	4 to 24
Tight Buffered Outer diameter	mm	0.9 ± 0.1
Inner Jacket Thickness (4-12 Fibre)	mm	1.1
Inner Jacket Thickness (24 Fibre)	mm	1.2
Outer Jacket Thickness	mm	1.8
Maximum tensile load	N	1000N installation, 500N installed
Minimum bend radius	mm	Installed 10D, Loaded 20D

## Ordering Information

	Fibre Type		Jacket Type		Fibre Count	
	9	G.652.D	1	LSZH	04	4
OFC-TBS	1	OM1			...	...
	2	OM2			24	24
	3	OM3				
	4	OM4				

## Example order code

OFC-TBS	-	9	1	-	24
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Distribution Tight Buffered Cable STA Singlemode LSZH 24 Fibres

Technical Drawing

