



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 +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, Loaded 20D

Ordering Information

	Fibre Type	Jacket Type	Fibre Count			
OFC-TBS	9	G.652.D	1	LSZH	04	4
	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

