

Single Loose Tube Fire Resistant Cable

2 to 24 fibre OM1, OM2, OM3, OM4 multimode or OS1/OS2 (ITU-TG.652D) singlemode 250 µm single loose tube metallic armoured internal/external rodent resistant duct and direct burial/tunnel cable with E-glass strength members and Low Smoke Zero Halogen (LSZH) jacket.

The single loose tube cables consists of 2 to 24, 250 µm optical fibres in a single gel filled loose tube with longitudinally applied E-glass non metallic strength members, Corrugated Steel Tape (CST) armouring and LSZH jacket.



Features

- Choice of fibre types
- Colour coded fibres
- CST armouring for enhanced impact, crush and rodent resistance
- Flame retardant LSZH jacket for enhanced fire performance/circuit integrity to IEC 60331-25

Specification

PARAMETER	UNIT	VALUE
Crush	N/100mm	4000
Strength member		E-Glass
Storage temperature	°C	-30 to 70
Installation temperature	°C	-5 to 50
Operating temperature	°C	-30 to 70
Nominal weight	kg/km	148
Fibre count	n	2 to 24
Nominal outer diameter	mm	10.6 ± 0.3
Maximum tensile load (Short term)	N	4000
Maximum tensile load (Long term)	N	2000
Minimum bend radius	mm	Installed 10D Loaded 20D
Drum length	km	2
Drum dimensions (Flange,Barrel,Width) 2km	mm (approx)	F1000, B800, W685
Drum weight with cable 2km	kg (approx)	392

Applications

- Suitable for internal/external duct, tunnels and direct burial applications
- Ideal for use in alpine tunnels, security/safety systems and applications which require data transfer during the event of a fire

Ordering Information

PRODUCT DESCRIPTION	PART NUMBER
OM1 250 µm single tube CST LSZH FR cable	OM1LTSTA**UBK-FR
OM2 250 µm single tube CST LSZH FR cable	OM2LTSTA**UBK-FR
OM3 250 µm single tube CST LSZH FR cable	OM3LTSTA**UBK-FR
OM4 250 µm single tube CST LSZH FR cable	OM4LTSTA**UBK-FR
OS1/OS2 ITU-T G.652D 250 µm single tube CST LSZH FR cable	OS1LTSTA**UBK-FR

Where ** fibre count 2-24

Technical Drawing

