

4 Fibre All Dielectric 250um FTTH Loose Tube Internal/External Rodent Resistant Drop Cable

ITU-T G.652D, ITU-T G.657A1 & ITU-T G.657A2 all dielectric Fibre To The Home (FTTH) indoor/outdoor drop cable containing 1, 2 or 4, 250 µm optical fibres in a single 1.7mm gel filled loose tube, waterblocking E-glass non metallic strength members and white Low Smoke Zero Halogen (LSZH) or black Polyethylene (PE) jacket printed in black or white by the inkjet technique.

Features/Benefits

- > Choice of fibre types
- > Individually coloured optical fibres
- > Robust loose tube construction for external water ingress protection
- > E-glass strength members for rodent resistance
- > White LSZH jacket (other colours are available) for internal use or black PE Jacket for environmental resistance

Applications

- > Internal/External FTTH applications horizontal, riser and duct
- > Clipping to surfaces including skirting boards

Technical Specification

PARAMETER	UNIT	VALUE
Crush	N/100mm	800
Strength member		E-glass
Storage temperature	°C	-20 to 60
Installation temperature	°C	-5 to 50
Operating temperature	°C	-20 to 60
Nominal weight	kg/km	LSZH 22 PE 16
Primary buffer diameter	µm	250
Fibre count	n	1, 2 or 4
Nominal outer diameter	mm	4.2 ± 0.2
Maximum tensile load	N	500
Minimum bend radius	mm	15
Drum length	km	4
Plywood drum dimensions (Flange,Barrel,Width)	mm (approx)	F760, B340, W380
Drum weight with cable 4 Km	kg (approx)	LSZH 100 PE 76



Fibre Identification

No	1	2	3	4
Colour	Blue	Orange	Green	Brown

Fire Performance

FIRE TEST DESCRIPTION	FIRE TEST SPECIFICATION
Smoke emission	IEC 61034-1 & 2
Flammability	IEC 60332-1
Toxicity	IEC 60754-1
Acid gas emission	IEC 60754-2

Ordering Information

DESCRIPTION	PART NO.
250um FTTH ITU-T G.652D LT Int/Ext Drop White	OS1DROPLT**UWH/Z
250um FTTH ITU-T G.657A1 LT Int/Ext Drop White	7A1DROPLT**UWH/Z
250um FTTH ITU-T G.657A2 LT Int/Ext Drop White	7A2DROPLT**UWH/Z
250um FTTH ITU-T G.652D LT Ext Drop Black	OS1DROPLT**PBK/Z
250um FTTH ITU-T G.657A1 LT Ext Drop Black	7A1DROPLT**PBK/Z
250um FTTH ITU-T G.657A2 LT Ext Drop Black	7A2DROPLT**PBK/Z

Where ** is the fibre count of 1, 2 or 4

1-4 Fibre All Dielectric 250um FTTH Flat Drop Cable (1-4 Fibres)

ITU-T G.652D, ITU-T G.657A1 & ITU-T G.657A2 all dielectric Fibre To The Home (FTTH) drop cable consisting of 1 to 4, 250um individually coloured optical fibres with Fibre Reinforced Plastic (FRP) strength members and Low Smoke Zero Halogen (LSZH) jacket.

Features/Benefits

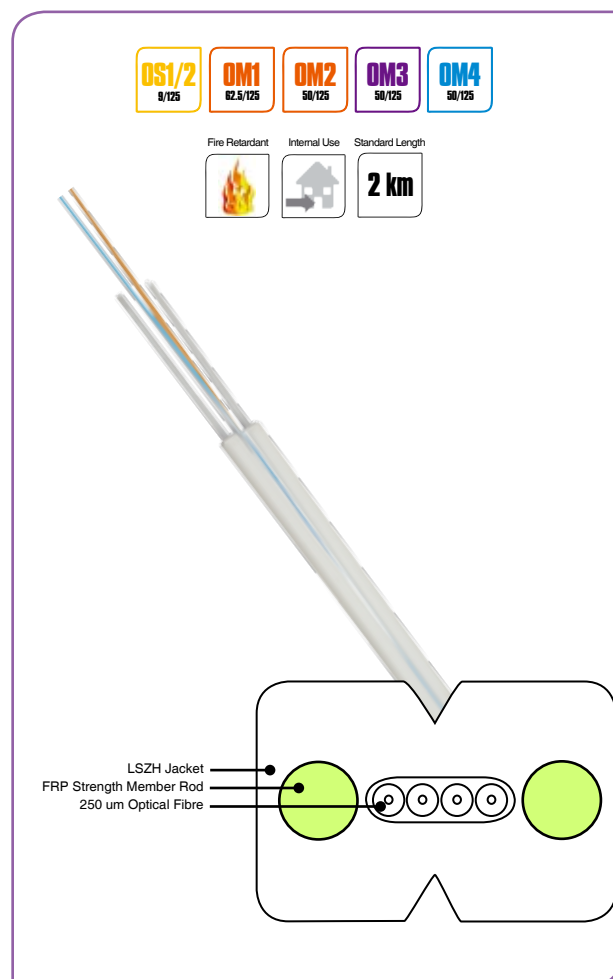
- > Choice of fibre types
- > Individually coloured optical fibres
- > Notched construction for easy stripping
- > White LSZH jacket for internal use

Applications

- > Internal FTTH applications horizontal and riser
- > Clipping to surfaces including skirting boards

Technical Specification

PARAMETER	UNIT	VALUE
Crush	N/100mm	400
Strength member		FRP
Storage temperature	°C	-20 to 70
Installation temperature	°C	-5 to 50
Operating temperature	°C	-20 to 70
Primary buffer diameter	µm	250
Fibre count	n	1 to 4
Nominal outer diameter	mm	2.0 x 3.0 ±0.2
Nominal weight	kg/km	11
Maximum tensile load	N	100
Minimum bend radius	mm	15
Plywood drum dimensions (Flange,Barrel,Width) 4km 2f to 12f	mm (approx)	F630, B300, W330
Drum weight with cable 4 Km	kg (approx)	52



Fibre Identification

No	1	2	3	4
Colour	Blue	Orange	Green	Brown

Fire Performance

FIRE TEST DESCRIPTION	FIRE TEST SPECIFICATION
Smoke emission	IEC 61034-1 & 2
Flammability	IEC 60332-1
Toxicity	IEC 60754-1
Acid gas emission	IEC 60754-2

Ordering Information

DESCRIPTION	PART NO.
250um FTTH ITU-T G.652D White jacket non metallic	OS1FLATDROP**UWH/Z
250um FTTH ITU-T G.657A1 White jacket non metallic	7A1FLATDROP**UWH/Z
250um FTTH ITU-T G.657A2 White jacket non metallic	7A2FLATDROP**UWH/Z

Where ** is the fibre count between 1 and 4. Other jacket colours are available