



FO Cables—Tight Buffered FTTx DROP Cable

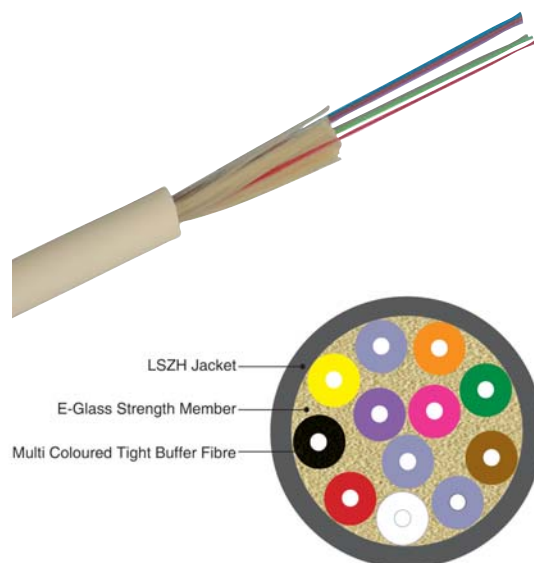
This universal self-supporting singlemode cable is suitable for indoor and outdoor use—perfect for FTTx DROP applications. Low bend fibers are made due to ITU-T G.657A and they are compatible with common low-waterpeak fibers ITU-T G.652D. Minimal bend radius is 10 mm. Cable is supplied on plywood drum. Cable outer diameters are from 3 to 3.7 mm (depends on number of fibers).

BENEFITS

- Choice of fiber type
- Colour coded fibers
- High water resistant
- UV stable LSZH jacket (Black/Ivory)

APPLICATIONS

- Outdoor/Indoor installation
- Aerial Self-supporting Installation



Technical Specifications

DESCRIPTION (UNIT)	2-CORE LSZH	4-CORE LSZH	8-CORE LSZH	12-CORE LSZH	16-CORE LSZH
Jacket Colour	Black / Ivory				
Outer Diameter (mm)	3.0 ±0.3	3.0 ±0.3	3.4 ±0.3	3.4 ±0.3	3.7 ±0.3
Weight (kg/km)	10	10	12	12	14
Max. Tensile Load (N)	500	500	500	500	500
Min. Bend Radius (Long Term) (mm)	23	23	23	23	30
Min. Bend Radius (Short Term) (mm)	12	12	12	12	15
Primary Buffer Diameter (µm)	250	250	250	250	250
Fire Performance	IEC 60332-1				
Operating Temp. (°C)	-20 to +60	-20 to +60	-20 to +60	-20 to +60	-20 to +60
Storage Temp. (°C)	-25 to +60	-25 to +60	-25 to +60	-25 to +60	-25 to +60
Installation Temp. (°C)	-5 to +40	-5 to +40	-5 to +40	-5 to +40	-5 to +40
Crush Resistance (N/10 cm)	500	500	500	500	400

FEATURES	
OS1	✓
OM1	✗
OM2	✗
OM3	✗
OM4	✗
Internal Use	✓
External Use	✓
Fire Retardant	✓
Water Resistant	✓
Rodent Resistant	✗
Armored	✗

Tight Buffered FTTx Drop Cables Parameters

FIBRE GRADE	CONSTRUCTION	JACKET	FIBER COUNT	COLOUR
OS1	09/125, SM	DP = FTTx DROP	LSZH	2 core
		PU	4 core	Black = BK
			8 core	Ivory = IVR
			12 core	
			16 core	