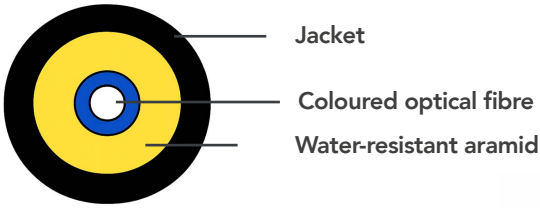


TELENCO 3.0MM INTERNAL/EXTERNAL CABLE DROP CABLES



A discreet and versatile 3mm fibre optic cable designed for seamless routing along building facades and into internal environments. Engineered for both external and internal applications, this cable eliminates the need for transition points or external enclosures, improving installation efficiency and reducing overall deployment time.

With a robust LSZH-UV CPR Cca-rated jacket, this cable offers enhanced fire performance, UV resistance, and durability, making it ideal for modern fibre installations across residential and commercial environments.

CABLE PARAMETERS

Items		Specifications
Fibre Count		1
Colouring the Fibre	Fibre Color	Blue
Jacket	Dimension	3.0 ±0.05mm
	Material	LSZH-UV CPR Cca
	Thickness	0.7 ±0.1mm
	Colour	Black
Strengthening component		Water-Blocking Kevlar 4*1500D

FEATURES & BENEFITS

- Suitable for internal and external installations
- 3.0mm compact diameter for versatile routing
- LSZH-UV Cca-rated sheath for fire safety and UV protection
- G.657B3 bend-insensitive fibre for tight routing
- Eliminates need for transition points or external enclosures
- Water-blocking aramid (Kevlar) strength members
- Bare end for flexible on-site termination
- Ideal for facade routing and direct indoor entry

FIBRE PARAMETERS

No.	Items		Unit	Specification (G657B3)
1	Mode Field Diameter	1310nm	µm	8.6 ±0.5
		1550nm	µm	9.2 ±0.3
2	Cladding Diameter		µm	125 ±0.7
3	Cladding Non-Circularity		%	≤0.9
4	Core-Cladding Concentricity Error		µm	≤0.4
5	Coating Diameter		µm	245 ±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		µm	≤12.0
8	Cable Cutoff Wavelength		nm	Acc ≤1260
9	Attenuation (max.)	1310nm	dB/km	≤0.4
		1550nm	dB/km	≤0.25

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Items	Unit	Specifications
Tensile Strength (Long Term)	N	200
Tensile Strength (Short Term)	N	500
Crush (Long Term)	N/10cm	100
Crush (Short Term)	N/10cm	300
Min. Bend Radius (Dynamic)	mm	30D
Min. Bend Radius (Static)	mm	15D
Installation Temperature	°C	-10 ~ +65
Operating Temperature	°C	-40 ~ +70
Storage Temperature	°C	-40 ~ +70

PACKAGING

- Drum: Each single length of cable shall be wound on a wooden composite drum. Export type disc.
- Cables are coiled on wooden or plastic drum. During transportation, right tools should be used to avoid damaging the package and to handle with ease.
- Cables should be protected from moisture; kept away from high temperature and fire sparks; protected from over bending and crushing; protected from mechanical stress and damage.
- Delivery Length
- Standard delivery length is 1.0km/drum.2.0km/drum.
- Other lengths available on request.

STANDARDS

- Meet YD/T1258.4, ICEA-596, GR-409, IEC60794-2-20/21 and other standards; PVC has passed ULOFNR and OFNP certifications respectively
- certified products; LSZH products are made of different materials and can meet the requirements of IEC60332-1 or IEC60332-3C.
- Remarks:RoHS