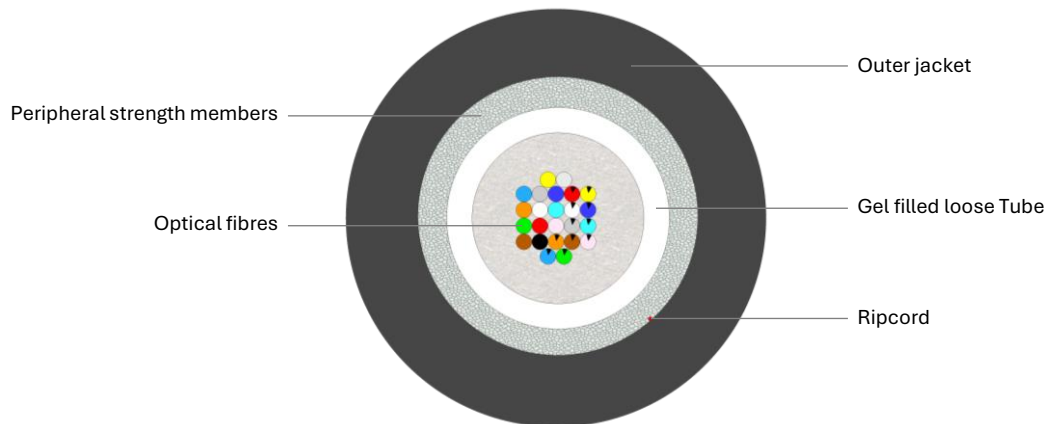


# Universal Glass Yarn Armoured Unitube Cable (BT) 3100N

Indoor/Outdoor fiber optic cable for installing into ducts or on grids



Picture not to scale. For illustration only.

Fibre Type	G.652.D, G.657.A1, G.657.A2, G.655, OM1, OM2, OM3, OM4, OM5
Fibre colour	EIA/TIA-598A
Tube colour	Natural / White
Peripheral strength members	Water-swellable glass yarn
Ripcord	1x under outer jacket
Outer jacket material	UV resistant Halogen-free flame-retardant thermoplastic compound

Number of fibres	16	24	
Number of fibres in tube	16	24	
Tube count (layers)	1	1	
Tube diameter (mm)		3.5	
Nominal outer diameter (mm)		6.5	
Outer jacket thickness (mm)		1.2	
Calc. cable weight (kg/km)		45	
Short-term tensile strength (N)		1200	IEC 60794-1-101
Long-term tensile strength (N)		380	IEC 60794-1-101
Short-term crush resistance (N/100 mm)		1000	IEC 60794-1-103
Long-term crush resistance (N/100 mm)		300	IEC 60794-1-103
Max. impact loading (Nm)		10	IEC 60794-1-104
Min. bend radius not load (OD)		10	IEC 60794-1-111
Min. bend radius load (OD)		20	IEC 60794-1-111
Operating temperature range (°C)		-20 to +70	IEC 60794-1-201
Storage temperature range (°C)		-40 to +70	IEC 60794-1-201
Installation temperature range (°C)		-15 to +50	IEC 60794-1-201
Water tightness (1 m / 24 hrs.)		No leakage	IEC 60794-1-205
Class of fire reaction		Eca	EN 50575, EN 13501-6

Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
16	OPK-U-CTFS-16(1x3.5)LTGH-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
24	OPK-U-CTFS-24(1x3.5)LTGH-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum

xx – fibre type , yy – jacket color (see Cable code datasheet)

Print legend: Manufacturer - Cable type – lot number- length marking per 1 m (customer print legend available on request)

Note: Cable marking using the Hot-foil method is done in white. If overprinting is necessary, the color of the text is yellow.