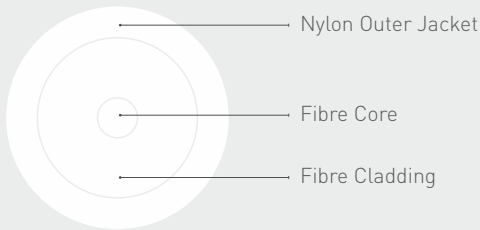
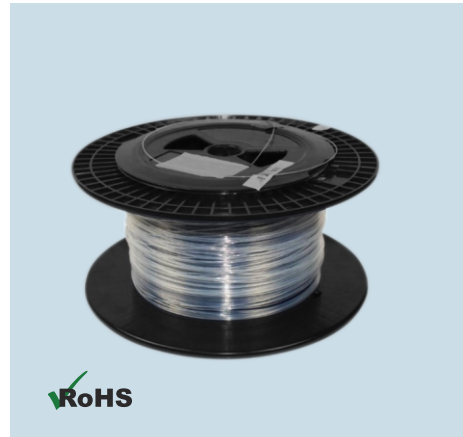


# INVISIBLE FIBRE OPTIC DROP CABLE

Invisible fibre drop cable is used for Fibre to the Home (FTTH) application, the fibre optic cable is constructed with single mode G657. A1/A2/B3 fibre, non jelly filled, and transparent jacket made up of nylon material.

It is very light in construction and easy to install, generally used for connecting Main distribution frame to consolidation point in home, apartment or offices. Invisible fibre optic cable is therefore much less obtrusive when installed in indoor locations. Since it is thin and clear, it can be installed along the edges of rooms in an aesthetically pleasing manner.



## FEATURES

- Ultra bend-insensitive fibre
- Fibre bonds consistently to common surface types in any indoor environment
- Does not require messy caulking, staples or brackets
- Installed cable almost undetectable to the casual observer
- Reduced bend radius fibre technology is less susceptible to attenuation loss as a result of handling and tight bends

## CONSTRUCTION & FIBRE OPTIC PERFORMANCE

Description		Specification
Fibre count		1
Outer sheath thickness		$\geq 0.25\text{mm}$
Cable dimension		$0.9 \pm 0.05\text{mm}$
Attenuation	@1310nm	$\leq 0.4\text{dB/km}@1310\text{nm}$
	@1550nm	$\leq 0.3\text{dB/km}@1310\text{nm}$

# INVISIBLE FIBRE OPTIC DROP CABLE

## MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

Description	Specification	
Tensile strength (Short/Long term)	20N/5N (as per IEC 60794-1-21-E1)	
Crush (Short/Long term)	500N/100N (as per IEC60794-1-21-E3)	
Impact	Impact: 0.5 J/3times (IEC 60794-1-21-E4)	
Repeated bending	5N/200cycles	
Torsion	5N/±180°/20cycles (IEC 60794-1-21-E7)	
Bend radius	G.657B3	5mm (Operation); 10mm (Installation)
	G.657A2	7.5mm (Operation); 15mm (Installation)
	G.657A1	10mm (Operation); 20mm (Installation)
Operation/storage temperature:	-10°C ~ +50°C	

## ORDERING INFORMATION

Part Number	Description	Weight (Kg/Km)
3172-N00017A1CL	1 Core Invisible Fibre Optic Drop Cable G657.A1	1
3172-N00017A2CL	1 Core Invisible Fibre Optic Drop Cable G657.A2	1
3172-N00017B3CL	1 Core Invisible Fibre Optic Drop Cable G657.B3	1