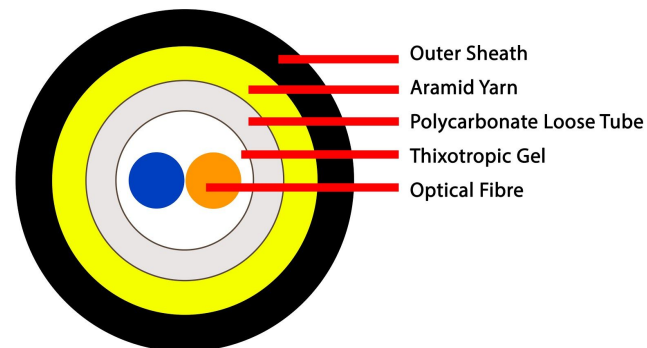


Scoop's single-mode, dual-purpose, fibre cable is designed for a multitude of applications and is suitable for both push and blown micro duct applications as well as aerial installations up to 50m. Its UV stabilised jacket makes it suitable for both indoor and outdoor applications.

SPECIFICATIONS

Cable Diameter	3.8mm
Jacket Material	UV stabilised, Low Smoke Zero Halogen (LSZH)
Cable Type	Thixotropic gel-filled loose tube
Strength Member	Aramid Yarn
Bend Sensitivity	G657A2 bend-insensitive fibre



APPLICATIONS

- Indoor and outdoor FTTX drop cable installs
- Duct 8/5mm Micro Tube for push and blown fibre applications
- Aerial installations up to 50m

TECHNICAL SPECIFICATIONS

Cable Structure and Parameters	
Fibre Core	2
Tube Diameter	2.4 mm
Fibre per tube	2
Cable Diameter	3.8 mm ± 5%
Cable Weight	12 kg / km
Fibre Type	G657A2
Installation tensile resistance (≤ 0.25% fibre strain)	1.2 times 1km cable weight, not less than 144N
Short term crush	650 N/100mm
Life Expectancy	25 years
Min Bend Radius for installation	- Static
	- Dynamic
Temperature Performance Range	-10°C to 70°C
Attenuation Limits of Individual Fibres	
Attenuation at 1310nm	≤ 0.35 dB/km
Attenuation at 1550nm	≤ 0.22 dB/km
Attenuation at 1625nm	≤ 0.24 dB/km
Mode Field Diameter	
1310nm	8.6 µm ± 0.4 µm
1550nm	9.6 µm ± 0.5 µm
Glass Geometry	
Core / Cladding Concentricity Error	≤ 0.5 µm
Coating Geometry	
Coating Diameter	242 µm ± 5 µm
Core / Cladding Concentricity Error	≤ 12 µm