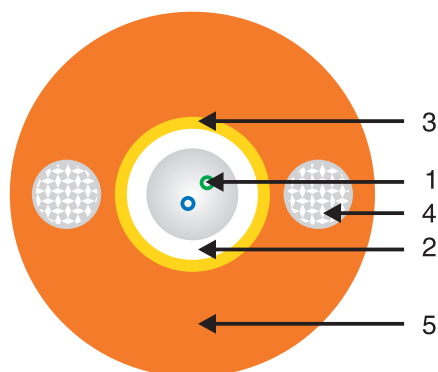


# FibreIRS®

## 5.0 Fibre Optic Direct Access Cable



**global invacom**  
completing the picture



Twin G657a Fibres with PP outer sheath

1. Optical Fibres
2. Central Tube
3. Reinforcement
4. Rigid Elements
5. Polypropylene Outer Sheath

Pre Terminated (FC/PC) or Un-Terminated

### Construction

Light-weight, non-metallic, central tube direct-buried access cable with small diameter for easy installation, longitudinally water-protected.

This cable has a very high crush resistance and tensile strength, it is easily strippable (over >4 meters in one stroke). Due to extra rigid elements in the cables outer sheath, this central tube design has an improved temperature range.

### Specifications

Test procedures	IEC 60794-1-2	Outer sheath thickness	1.5 mm
Application	Outside	Outer diameter approx.	5.9 mm
Cable, metal free	Yes	Bending radius during installation	90 mm
Installable by blowing	No	Bending radius after installation	60 mm
Strain relief	Yes	Tensile load	500 N
Halogen free (acc.EN 50267-2-2)	Yes	Cable strain	0.33 %
Longitudinal water blocking	Yes	Attenuation @ 1310 nm	0.38 dB/km
Number of fibres	2	Attenuation @ 1550 nm	0.25 dB/km
Number of fibres per tube	2	Attenuation @ 1625 nm	0.28 dB/km
Number of cores	1	Crush resistance	5000 N/dm
Type of tube	Loose tube, gel filled	Installation: Suitable for direct burial application.	
Fibre type	Single mode		
Optical fibre standard	ITU-T G.657.A		
Material (outer sheath)	Polypropylene		
Colour (outer sheath)	Orange		