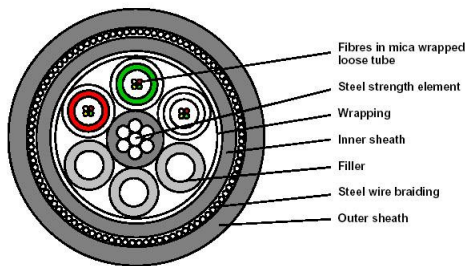


## QFCI / Oil and Gas, Circuit Integrity

Loose Tube Fibre Optic Cable – Indoor and Outdoor, Fire Resistant – SW Braid Armour, Circuit Integrity  
Cable Design

**Fibre in Armoured  
Loose Tube**



- **Fibre Identification:** Every fibre in a tube is uniquely identified by a different colour.
- **Armour:** One layer of braided galvanized steel wires.
- **Outer Sheath:** Flame Retardant Halogen Free Material (Black).

- not to scale -

### Features and Advantages

The cable is especially designed for vital communication and emergency systems that need to be operational during fire. The cable is low smoke, halogen free and flame-retardant and therefore suitable for installation under and above ground.  
**The cable will maintain circuit integrity during fire. (3 hours up to 1000 C)**

### Technical data

<b>No. of Fibres</b>		<b>4-48</b>
Cable diameter	mm	13.5
Tensile permanent	kN	1.5

Min. bending radius	mm	Without Tension 250		
Temperature range	°C	Installation -10 to +70	Transport. & Storage -40 to +70	Operation -40 to +70

**International Standards :** IEC 60794; IEC 60793; IEC- 60331-25 , IEC 60754-1 ; 60754-2ITU-T

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