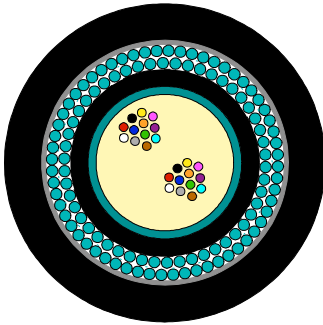


Subaqua / Underwater Cable

Stainless Steel Tube - Inner PE sheath - Steel Wire Armour with Bitumen - Outer PE sheath

Cable Design

Fibre In Metal Tube



- not to scale -

- **Fibre Identification:** Every fibre in a tube is uniquely identified by a different colour. For fibre counts above 12 fibres grouping with bundle yarns.
- **Steel Tube:** Consists of laser welded hermetically sealed stainless steel. The tube is filled with water repellent filling compound with hydrogen getter properties..
- **Inner Sheath:** PE (Black).
- **Armour:** Two layer of galvanized soft steel wires. Under, between and over the wires a layer of bitumen is applied
- **Outer Sheath:** HDPE (Black).

Features and Advantages

The cables are suitable for under water installation in sea / river / lake bed, it can withstand water pressure > 150bar. Applications are also found in special harsh situations i.e. sewers, water pressurized tunnels and galleries.

Technical data			
No. of Fibres		12 - 96	
Cable diameter	mm	15.2 - 21.3	
Tensile permanent	kN	12 - 36	
Min. bending radius	mm	Without Tension 25 x Cable-Ø	
Temperature range	°C	Installation -15 to +50	Transport. & Storage -30 to +70
Fibre Excess Length	%	> 0.05% - 0.75%	
		Operation -30 to +70	

International Standards : IEC 60794; IEC 60793; ITU-T

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