

ALPAM / Oil and Gas

Loose Tube Fibre Optic Cable - Dry Core - Armour - ALPAM with Circuit Integrity

Cable Design

Fibre in Armoured Loose Tube



- not to scale -

- **Fibre Identification:** Every fibre in a tube is uniquely identified by a different colour.
- **Armour:** One layer of galvanized round steel wires dia 1.0 mm
- **Outer Sheath:** Flame Retardant Halogen Free Material (Black).

Features and Advantages

The cable is especially designed for harsh environments. Being very chemical resistant it withstands aggressive constituents and fluids that might occur on (petro)chemical plants.

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.

Technical data

No. of Fibres	6-96			
Cable diameter	mm	13.4 - 15.9		
Tensile permanent	kN	8-9		
Min. bending radius	mm	Without tension 14 x Cable-Ø		
Temperature range	°C	Installation -10 to +50	Transport & Storage -30 to +70	Operation -30 to +70

International standards

IEC 60794; IEC 60793; IEC- 60331-25 ITU-T

© PRYSMIAN GROUP 2012, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.