

Customer Data Sheet

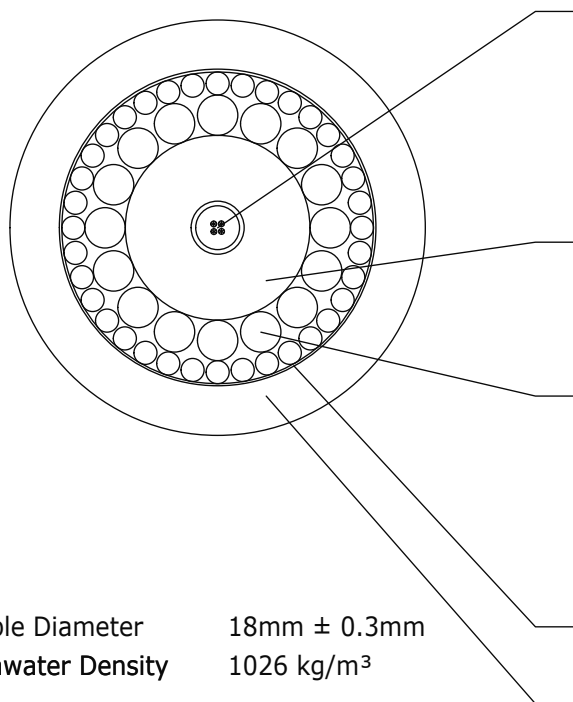


Subsea DAS Optic Fiber Cable

Art. No. 004A525

Rev. 0--

Date 30-Apr-2024



1x 4 Way Loose Tube Fibre Optic

Fibre Count 4 Fibres Per Tube

Fibre Type 9/125/250µm Single Mode

Tube Type SS, OD 2.30mm, ID 1.90mm

Jacket HDPE

Bedding Sheath Ø8.0mm

Material HDPE

Thickness 2.8mm Nom. Radial

Strength Member Galvanised Steel Armour

Layer 1 16x Ø1.80mm wires

Layer 2 37x Ø1.0mm wires

Construction Torque Balanced

Coating Zinc/Alu

Cable Diameter 18mm ± 0.3mm

Seawater Density 1026 kg/m³

Binding tape

Outer Sheath

Material HDPE

Thickness 2.2mm Nom. Radial

Max working load 23 kN

Mechanical Properties :

Breaking strength	Bending radius	Specific Density	Weight calculated	
minimum	dynamic	calculated	air	seawater
kN	mm	SG	kg/km	kg/km
105	250	--	760	500

Optical Properties :

Component	Mode	Dispersion 1550 ps/nm·km	Attenuation 1550 dB/km
9/125/250	single	<18.0	0.2

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For information only

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