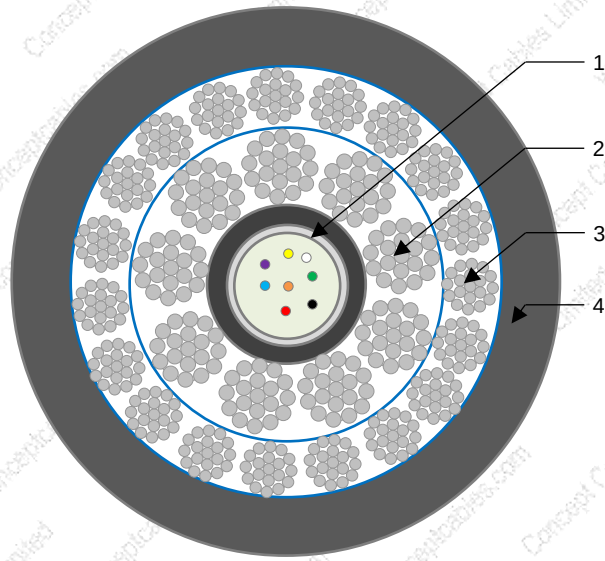


Part No: MBA002071

Customer Ref:

Project No: 17719



No	Description	Colr	Dia mm
1	Optical Fibre Unit 8 off Single Mode, OS2 9/125/245µm Colour-coded optical fibres in gel filled stainless-steel tube. Tube I/D 2.80mm O/D 3.20mm	RD BU YW GN BK WH VT OR	4.20
2	Inner Armour / Ballast Package 9 position 2mm diameter 19 strand. 1960 Nmm ² Galvanised Steel Wire. Nominal pitch 90mm LHL Overall Helical PET binding tape, nominal overlap 30%	N/A	8.30
3	Outer Armour / Ballast Package 19 position 1.50mm diameter 19 strand. 1960 Nmm ² Galvanised Steel Wire. Nominal pitch 140mm RHL Overall Helical PET binding tape, nominal overlap 30%	N/A	11.40
4	Jacket Polyether Polyurethane 89 Shore A Halogen Free 1.50mm nominal RTI	BK	14.50 +/- 0.50

Specification	
Optical Characteristics Maximum Attenuation @1310 nm @1550 nm	0.60 dB/km 0.40 dB/km
Mechanical Characteristics Maximum Operating Temp Static Dynamic Cold Flex Temp	+80°C +70°C -40°C
Minimum Break Load Recommended Safe Work Load	8200 KGF 2700 KGF
Min Recommended Bend Radius Static Dynamic	120mm 260 mm
Nominal Weight In Air In Sea Water @ SG 1.025	500 KG/KM 355 KG/KM

Notes

Torsionally Balanced

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TITLE	STFO-2GSWR-PU-BK-14.50
DESCRIPTION	<DESC>
CUSTOMER	MBARI

01	Original	AJK	04/04/24	SAF	04/04/24		
ISSUE	DESCRIPTION	DRWN	DATE	CKD	DATE	APPD	DATE