



CABLE SOLUTIONS WORLDWIDE - ADMIRAL - OS2



Low Smoke Zero Halogen OS2 Single Mode Optical Cable Suitable for Marine Applications

Document Information

Drawing Number CSWL200211A-V1 **Date** 11/02/2020

Design ADMIRAL OS2 TB GSWB SHF1

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Cable Construction

Tight Buffered 9/125 μm Single Mode OS2 Fibres

Multiple Fibres surrounded by Glass Yarn Strength Members

Extruded LSZH Inner Sheath

(Low Smoke Zero Halogen to BS 7655 LTS1-4, IEC 60092 SHF1, EN 50363 TM7)

Galvanised Steel Wire Braid

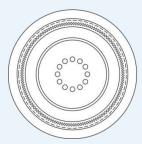
(In accordance with BS EN 10257-1)

Polyester (Melinex®/Mylar®) Separation Tape

Prevents bonding of adjacent materials to assist installation

Extruded LSZH Outer Sheath

(Low Smoke Zero Halogen to BS 7655 LTS1-4, IEC 60092 SHF1, EN 50363 TM7)





Colours & Identification

Fibre Identification		Inner Sheath Colour Black
1. Blue	7. Red	
2. Orange	8. Black	Outer Sheath Colour
3. Green	9. Yellow	Black
4. Brown	10. Violet	
5. Grey	11. Rose	Other colour options are
6. White	12. Aqua	available on request.

Properties & Standards

Standards

IEC / EN 60793-2-50 Category B.1.3

ITU-T G.652.D

Fibre Properties

Tight Buffered Fibres 9/125 μm

Single Mode OS2

Fire Performance

Flame Retardance IEC 60332-1-2 Flame Retardance IEC 60332-3-22 (Cat A)

Halogen Gas Content IEC 60754-1
Gas Acidity IEC 60754-2
Smoke Emission IEC 61034

Properties and Standards may be indicative prior to manufacture and testing.

Nominal **Dimensions**

Tight Buffered Fibres			900 μm	
Fibre Count	Bedding Ø (mm)	Braid Wire Ø (mm)	Sheath Ø (mm)	Weight (Kg/Km)
4	6.5	0.2	10.15	118
8	7	0.2	10.65	134
12	7	0.2	10.65	148
24	8.5	0.2	12.15	195

Dimensions are theoretical nominals calculated prior to manufacture.



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Document Information

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Product Codes

Fibre Count	Product Code	
4	CSWL-ADML-OS2-SHF1-4C	
8	CSWL-ADML-OS2-SHF1-8C	
12	CSWL-ADML-OS2-SHF1-12C	
24	CSWL-ADML-OS2-SHF1-24C	
Dimensions are theoretical nominals calculated prior to manufacture.		



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