



CABLE SOLUTIONS WORLDWIDE - ADMIRAL - 0M2 TB



# Low Smoke Zero Halogen OM2 Tight Buffered Optical Cable Suitable for Marine Applications

## **Document Information**

**Drawing Number** CSWL191001A-V1 **Date** 01/10/2019

**Design** ADMIRAL OM2 TB GSWB SHF1

## Cable Construction

Tight Buffered 50/125 μm Multi Mode OM2 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**

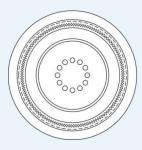
(In accordance with BS EN 10257-1)

## 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
(IEC 60304 Colour Coding

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1. Blue	7. Red
2. Orange	8. Black
3. Green	9. Yellow
4. Brown	10. Violet
5. Grey	11. Rose
6. White	12. Aqua

Inner Sheath Colour

Black

**Outer Sheath Colour** 

Black

Other colour options are available on request.

## Properties & Standard

#### Standards

ISO 11801-1 EN 187 000 IEC 60794-2 EN 50173-1 IEC 60794-2-20

## **Fibre Properties**

Tight Buffered Fibres 50/125 μm

Multi Mode OM2

#### **Fire Performance**

Flame Retardance IEC 60332-1-2 Flame Retardance IEC 60332-3-24 (Cat C)

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)
4	6.5	0.2	10.15
8	7	0.2	10.65
12	7.5	0.2	11.15
16	8	0.2	11.65
24	8.5	0.2	12.15

Dimensions are theoretical nominals calculated prior to manufacture.



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