



CABLE SOLUTIONS WORLDWIDE - ADMIRAL - OM1 TB

# Mud/Oil Resistant Low Smoke Zero Halogen OM1 Tight Buffered Optical **Cable Suitable for Marine Applications**

#### Document Information

**Drawing Number** Date Design

CSWL191003B-V1 NEK606 03/10/2019 ADMIRAL OM1 TB GSWB NEK606

## Cable Construction

Tight Buffered 62.5/125 µm Multi Mode OM1 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 TM7)

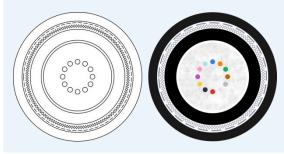
#### Galvanised Steel Wire Braid (In accordance with BS EN 10257-1)

Polyester (Melinex®/Mylar®) Separation Tape

Prevents bonding of adjacent materials to assist i

#### Extruded XL-LSZH-MOR Outer Sheath

(Mud/Oil Resistant Crosslinked Low Smoke Zero Halogen to NEK606 and IEC60092 SHE2)



## Colours & Identification

**Fibre Identification** (TIA-598-C Colour Coding)

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 & Standards**

Standards ITU G.651.1 IEC 60793-1 IEC 60793-2 IEC 60794-2 ANSI/TIA 568-3.D

**Fibre Properties Tight Buffered Fibres** 

**Fire Performance** Flame Retardance Flame Retardance Halogen Gas Content Gas Acidity Smoke Emission

ANSI/TIA/EIA 598-D EN 50173-1 EN 50575 EN 50399 ISO/IEC 11801

> 62.5/125 μm Multi Mode OM1

IEC 60332-1-2 IEC 60332-3-24 (Cat C) IEC 60754-1 IEC 60754-2 IEC 61034

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

### Nominal **Dimensions**

Tight Buffered F	ibres	90	0 μm
Fibre Count	Bedding Ø (mm)	Braid Wire Ø (mm)	Sheath Ø (mm)
4	6.5	0.2	10.15
6	6.6	0.2	10.25
8	7	0.2	10.65
12	7	0.2	10.65
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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## **ADMIRAL MARINE & SHIPBOARD CABLES**