

# OM3 Multi Mode Tight Buffered Optical Cables for Marine Applications

50/125µm • Steel Wire Braid Protected • Low Smoke Zero Halogen



## Cable Construction



**Fibre Type**  
Tight Buffered 50/125 µm Multi Mode OM3 Fibres

**Strength Member**  
Multiple Tight Buffered Fibres surrounded by Glass Yarns

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

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

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

## Properties & Standards

**Standards**  
EN 50173-1  
ITU G.651.1  
ANSI/TIA 568-3.D  
ANSI/TIA/EIA 598-D  
IEC 60793-1  
EN 50173

**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

## Nominal Dimensions

Fibre	50/125	µm
Primary Coating	250	µm
Tight Buffered Fibre	900	µm

Fibre Count	Bedding Ø (mm)	Braid Wire Ø (mm)	Sheath Ø (mm)
4	6.5	0.20	10.15
8	7	0.20	10.65
12	7	0.20	10.65
24	8.5	0.20	12.15

## Colours & Identification

**Fibre Identification**

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

## Product Codes

Fibre Count	Product Code
4	CSWL-ADML-OM3-SHF1-4C
8	CSWL-ADML-OM3-SHF1-8C
12	CSWL-ADML-OM3-SHF1-12C
24	CSWL-ADML-OM3-SHF1-24C