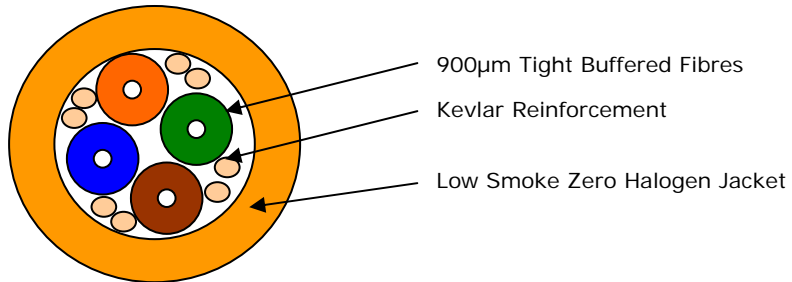


# TrueNet®

## Fibre Indoor Highlight GP Cable

Issue 7



Colour coded, tight buffered fibres helically stranded without a central strength member. Non-PVC, Low Smoke Zero Halogen (LSZH) buffer and outer jacket. Designed for light duty, general purpose (GP) indoor horizontal and riser applications.

### Features:

- Available as 9µm singlemode (OS2) or 62.5µm multimode (OM1)
- Available in 4, 6, 8, and 12 core counts
- Standard OS2 jacket colour is yellow and OM1 is orange, but other jacket colours available on request (BK=Black, PI=Pink, RD=Red), minimum order quantities apply.

### Specifications

#### Cable General:

Overall cable diameter (nominal)	
4 core: .....	4.3mm
6 core: .....	5.2mm
8 core: .....	5.5mm
12 core: .....	6.1mm
Mass (nominal)	
4 core: .....	20kg/km
6 core: .....	29kg/km
8 core: .....	33kg/km
12 core: .....	39kg/km
Crush Resistance: .....	500N/cm
Impact Resistance: .....	19.6 N/cm - 3 impacts
Flexing: .....	1000 cycles
Maximum Pulling Load: .....	560N
Maximum Safe Operating Load: .....	500N
Minimum Bend Radius	
Max Installation Load: .....	20 x cable O.D.
Unloaded: .....	10 x cable O.D.

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# TrueNet®

## Fibre Indoor Highlight GP Cable

Operating Temperature: .....-20°C to +70°C  
 Storage Temperature: .....-20°C to +70°C  
 Specifications: ..... AS/ACIF S008, IEC 60793 Parts 1&2, ITU-T G652  
 Tested: ..... In accordance with the relevant TIA/EIA-455 series FOTP's

**Cables are manufactured from glass fibre with the following specifications:**

**9µm Singlemode fibre:**

Optical Fibre Specification: ..... Zero Water Peak OS2 9/125µm  
 Complies with: .....ITU-T G.652D and IEC 60793-2-50 (Type B1.3)  
 Mode Field Diameter @ 1310nm: ..... 9.2±0.4µm  
 Numerical Aperture: ..... 0.13  
 Maximum Attenuation (dB/km)  
     @1310nm: ..... ≤0.4  
     @1383nm: ..... ≤0.4  
     @1550nm: ..... ≤0.3

**62.5µm Multimode fibre:**

Optical Fibre Specification: .....OM1 (Type A1.b) 62.5/125µm  
 Minimum Bandwidth: ..... 200/500 MHz.km @ 850/1300nm  
 Maximum Attenuation (dB/km)  
     @850nm: ..... 3.0  
     @1300nm: ..... 0.7

### Ordering Information

Description	Quantity	Product No.
LSZH Indoor Riser Cable 9µm Singlemode, OS2, GP	Per metre*	6462 4 480-XXYY
LSZH Indoor Riser Cable 62.5µm Multimode, OM1, GP	Per metre*	6462 4 482-XXYY

\* Cable supplied on 2000 metre wooden reels, or available cut-to-length as per customer order, minimum order quantities apply.

Number of cores (-XX)	04.....4 core	Jacket colour (YY)	BK = Black
	06.....6		OR = Orange = OM1
	08.....8		PI = Pink
	12.....12		RD = Red
			YL = Yellow = OS2

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**www.adckrone.com/au**

AUSTRALIA 2 Hereford Street, Berkeley Vale NSW 2261  
 Mailing Address: PO Box 335, Wyong NSW 2259, Australia  
 Sales Support: 1800 801 298

**www.adckrone.com/nz**

NEW ZEALAND 2 Nevis Street, Petone, Wellington  
 Mailing Address: PO Box 38-177, Wellington Mail Centre 6008, New Zealand  
 Sales Support: 0800 657 663

ADC Telecommunications, Inc., P.O. Box 1101, Minneapolis, Minnesota USA 55440-1101  
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