



# 10014444 Indoor Tight Buffered Cable

Internal, CPR, Bca, Pre-terminated, Bend-insensitive Rugged Drop Cable

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## Features

- ITU-T G.657a1 Bend Insensitive Fiber
- Tight Buffered
- White Discreet Colouring
- Small cable outer diameter
- Aramid yarn High tensile strength
- Well suited for Fanout assemblies
- Crush Resistant
- LSZHcables compliant to Cca -s1a, d0 -a1
- Compliant to directive 2002/95/EC (RoHS)

## Application

The Hexatronic Internal FTTx Drop cable meets indoor fibre optic distribution requirements and is CPR rated to Bca. Crush resistant and suitable for installation with a bend radius down to 15mm.

## Design

The Cable can be installed internally within buildings using approved cable clips. Coupling the Fire-resistant cable with fire resistant clips ensures the installation meets building regulations.

## Product Information

Fiber Count: 6, 12, 24

## Technical Information

Temperature, Operation [°C]	-20C to +70C
Fiber Type	G.657A1;G.657A2
Maximum Attenuation [dB/km]	1310nm 0.34 dB/km maximum

## Technical Details

Cable	Fibre Count	6, 12, 24
Fibre Type	ITU-T	G.657A1, G.657A2
Fibres per Element	Nr	1
Construction	Type	Tight buffer 900um (6-12F), 600um (24F)
Attenuation in Cable	dB/km	1310nm 0.34 dB/km maximum Water Peak 0.34 dB/km maximum 1550nm 0.20 dB/km maximum 1550nm to 1625nm 0.24 dB/km maximum
Fibre Mode Field Diameter	m	1310nm 9.2um +/- 0.4 m
CD	slope, zero $\lambda$	Per G.657A1/G.657A2
PMD	ps/rt.km	Link Design Value < 0.04
MBR	mm	10xOD
Tensile load	N	600
Crush	N/100mm	1000
Impact	J	1
Torsion	degree	+/- 180 degree, 2m pitch
Temperature	degree C	-20C to +70C
Weight	Kg/km	
Cable Delivery Lengths	m	1.5m Standard
Cable cross section diameter	mm	6.8 ± 0.5
CPR Rating	Classification	Cca -s1a, d0 -a1

*Indoor Tight Buffered Cable Internal, CPR, Bca, Pre-terminated, Bend-insensitive Rugged Drop Cable G.657a1 Hexatronic*



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## Articles

Article name	Color	No. of Fibers
Indoor Tight Buffer Cable, 6 Fibre G657A1,CPRBca,6.8mm, White FCAT-H4053044-06C-A1WH	White	6
Indoor Tight Buffer Cable, 6 Fibre G657A2,6.8mm, Bca,White FCAT-H4053044-06C-A2WH	White	6
Indoor Tight Buffer Cable, 12 Fibre G657A1,6.8mm, Bca,White FCAT-H4053044-12C-A1WH	White	12
Indoor Tight Buffer Cable, 12 Fibre G657A2,6.8mm, Bca,White FCAT-H4053044-12C-A2WH SKU 10014443	White	12
Indoor Tight Buffer Cable, 24 Fibre G657A1,6.8mm, Bca,White FCAT-H4053044-24C-A1WH	White	24
Indoor Tight Buffer Cable, 24 Fibre G657A2,6.8mm, Bca,White FCAT-H4053044-24C-A2WH SKU 10014444	White	24