CBi electric Telecom Cables (Pty) Ltd
3 Marthinus Ras Street, Brits, North West
Tel : 012 381 1400
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FTTx: DOUBLE-D / BOWTIE

APPLICATION

- Premise and Indoor
- FTTx
- Easy Strip
- Fast Installation : Square staples can be used

DOUBLE-D CABLES

CONSTRUCTION

FIBRES	Max of 2 colour coated fibres
STRENGTH MEMBER	Aramid Reinforced Rod (ARP)
SHEATHING	Low friction Low Smoke Zero Halogen (LSZH)

MECHANICAL PROPERTIES

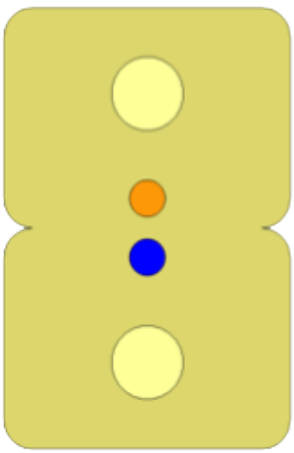
FIBRE COUNT	CABLE DIMENSIONS NOMINAL (mm)	CABLE WEIGHT (kg/km)	MAXIMUM INSTALLATION LOAD Short Term (N)	MAXIMUM INSTALLATION LOAD Long Term (N)	OPERATION TEMPERATURE RANGE	BENDING RADIUS		SUITABLE DUCT SIZE (Push Only)
						LONG TERM	SHORT TERM	
2	2.0 x 3.0	9.5	120	40	-10°C to 40°C	40mm	15mm	8/5

FIBRE AND BUFFER COLOURS AS TIA/EIA

1	Blue	2	Orange

ORDERING INFORMATION

FIBRE COUNT	CABLE TYPE	FIBRE TYPE ITU-T	DRUM QUANTITY (m)
2	Double-D / Bowtie	G657.A2	1000



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OPTICAL PROPERTIES

CHARACTERISTICS		ITU-T.657A2
Modefield Diameter (µm)	1310nm	8.6 ± 0.4
	1550nm	9.4 ± 0.5
Cabled Attenuation (dB/km)	1310nm	± 0.35
	1550nm	± 0.22
Polarization Mode Dispersion (ps/√km)	Link (PMDQ)	≤ 0.06
	Individual (PMDmax)	≤ 0.2
Chromatic Dispersion (ps/nm.km)	1285-1330nm	| 3 |
	1550nm	≤ 18
	1625nm	≤ 22
Macro-Bend Loss	1550nm	Ø7.5mm, 1turn, ≤ 0.4dB
	1625nm	Ø7.5mm, 1turn, ≤ 0.8dB
Cladding Diameter (µm)		125 ± 0.7
Cladding Non Circulatory (%)		≤ 1
Core-Clad Concentricity (µm)		≤ 0.6
Cable Cut-Off Wavelength (nm)		≤ 1260
Local Variations : Cabled (dB)		≤ 0.1@1550nm