



bel
Business Online

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ABOUT US

Business Online, a privately owned company, was formed in early 2000 and specializes in the provision of business performance improvement solutions and a comprehensive range of telecommunications services and products. We pride ourselves on being your one-stop destination for enhancing your business's performance while also meeting your telecommunication needs.

Our current clients range from telecom service providers, broadband service providers to intermediaries. We also specialize in Supplying Optic Fibre products including, but not limited to Optic Fibre cables, Fibre accessories and Pole accessories. In addition to Supply of Products, we also provide Installation and maintenance services for your fibre optic network.

Our suite of services encompasses diverse areas, including process optimization, as well as telecommunications services with a primary focus on Fibre installation. We specialize in delivering high-quality and reliable Fiber Optic infrastructure for businesses and organizations for both small-scale installations and large-scale Fiber network deployment.

OPTIC FIBRE CABLES

HDD CABLES



3.1.2 HDD-8
G652D
(aramid yarn)



3.1.2 HDD-8
52D
(aramid yarn)



3.1 Heavy
Duty Duct
(HDD) SM
G657A1



1.1 HDD-4
G652D
(aramid yarn)



3.1.6 HDD-
144 G652D
(aramid yarn)



3.1.6 HDD-
144 G652D
(aramid yarn)



3.1.4 HDD-48
G652D
(aramid yarn)



3.1.5 HDD-96
G652D
(aramid yarn)

FIBRE AND TUBE COLOR

NO.	1	2	3	4	5	6
COLOR	Blue	Orange	Green	Brown	Grey	White
NO.	7	8	9	10	11	12
COLOR	Red	Black	Yellow	Violet	Pink	Aqua

STRUCTURE PARAMETER

Item	Contents	Unit	Value							
Fibre count	Number	/	4	8	12	16	24	48	96	144
Cable Structure	/	/	1+6				1+8		1+12	
Fibre No. per tube	Number	/	4	4	6	4	6	12	12	12
Loose tube	Number	/	1	2	2	4	4	4	8	12
Outer Sheath	Thickness	mm	Min.1.5							
Cable diametre	±5%	mm	10.5	10.5	10.5	10.5	10.5	10.5	12.0	15.1
Cable weight	Approx	kg/km	74	75	75	75	78	80	113	174
Tensile strength	Short term	m	1800							
Max.crush resistance	Short term	N/100mm	3500							

ADSS CABLES

3.2.1 ADSS-
70M-4 G652D



3.2.2 ADSS-
70M-12 G652D



3.2.3 ADSS-
70M-24 G652D



3.2.4 ADSS-
70M-48 G652D

FIBRE AND TUBE COLOR

NO.	1	2	3	4	5	
COLOR	Blue	Orange	Green	Brown	Grey	6
NO.	7	8	9	10	11	White
COLOR	Red	Black	Yellow	Violet	Pink	12

Aqua

STRUCTURE PARAMETER

Item	Contents	Unit	Value				
Fibre count	Number	/	4	8	12	24	
Cable Structure	/	/	1+6	1+6	1+6	1+6	48
Fibre No. per tube	Number	/	4	4	6	6	1+6
Loose tube	Number	/	1	2	2	4	12
Outer Sheath	Thickness(Nom.)	mm	1.9				
Cable diametre	±0.5	mm	10.9	10.9	10.9	10.9	
Cable weight	±10%	kg/km	95	95	95	95	11.5
Max span	/	m	70				
Installation sag	/	%	≥ 0.5				
Weather Condition	/	-	Wind speed 34m/s, ice thickness 0mm				



3.3.5 Drop-24 G657A1/A2

3.3.2 Drop-4 G657A1/A2

3.3.4 Drop-8 G657A1/A2

3.3.5 Drop-24 G657A1/A2

3.3 Drop Cable SM G657A1/A2

3.3 1 Drop Cable SM G657A1/A2

Internal Ruggedized Cables



3.4 Internal
Ruggedized
Optical Fibre
cable



3.4 Internal
Ruggedized
Optical Fibre
cable



3.4.2 Ruggedized
Cable 24 Core



3.4.2 Ruggedized
Cable 4 Core

FIBER PARAMETERS

No.	Items		Unit	Specification
				G657A2
1	Mode Field Diameter	1310nm	μm	8.6 ± 0.2
		1550nm	μm	9.6 ± 0.5
2	Cladding Diameter		μm	125 ± 0.7
3	Cladding Non-Circularity		%	≤ 0.7
4	Core-Cladding Concentricity Error		μm	≤ 0.6
5	Coating Diameter		μm	245 ± 5
6	Coating Non-Circularity		%	





FIBRE ACCESSORIES



FOSC
Tray 24 Fibre

Dome Fiber Optic Splice
Closure(GP335)(Mechanical
sealing, 48wall mounting



Fibre access
terminal (FAT)

Dome Fibe Optic Splice
Closure (GP3335)
Mechanica sealing, 24F,
wall mounting

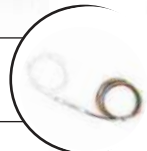


Optical Distribution
Frame
Structure & appearance



Terminal
Patch Panel
(GP346)

Splicer 1:8
With out
Connectors



Splicer 2:8
With out
Connectors

Pigtail LC/PC
Single Mode 2 Mt



POLE ACCESSORIES



Pole Top make off
7/20



Wire Steel 7/ (Staywire)



Thimble eye



Adjustable stay rod
Assembly with thimble



Thimble grip (10.1mm)
(80*20*20cm)



Slack brackets



Galvanised bolt & nut
with square washers



Capping Steel



Thimble Type
Dead End



Bottom make
off 7/2.0mm
(180*20*20cm)



Steel O-ring
for suspension Tie



Coach Screw



Pole Steps



Double hook



Single hook



Pigtail hooks



Spiral vibration
dampers



Adjustable stay rod Assembly
D2000*700*650 (M16*1830)



suspension
tie



Stay rod galvanised
steel base plate D360*360**6m



M16 Eye nut

WE ALSO SUPPLY



CORRUGATED DUCT
(50,75,90,110 AND 160MM)

SUBDUCT 32/27 AND 40/35



axs900R x 900

PRECAST PLASTIC ACCESS CHAMBERS
(MJB 400, MJB 600 AND MJB 1000)

CONTACTS



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CLIENTS



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tile products

● Matshidiso
estate



Tele technics