FTTx Copper Catalog

Mode   FTB4S

Size	140*90*33mm
Material	ABS/PC (UV Resistant)
Capacity	4* SC SX
IP Rating	IP65

Data sheet

Model FTB24S

Size	225*302*71mm
Material	ABS/PC (UV Resistant)
Capacity	24* SC SX
IP Rating	IP65

Data sheet

Model FTB16S

Size	310*235*100mm
Material	ABS/PC (UV Resistant)
Capacity	16* SC SX
IP Rating	IP65
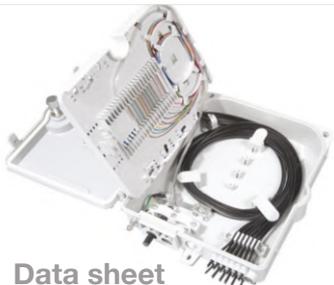
Data sheet

Model FTB12S

Size	225*200*65mm
Material	ABS/PC (UV Resistant)
Capacity	12* SC SX
IP Rating	IP65

Data sheet

Model PTB16

Size	370*265*16.5mm
Material	ABS/PC (UV Resistant)
Capacity	16 Fibers
IP Rating	IP65

Data sheet
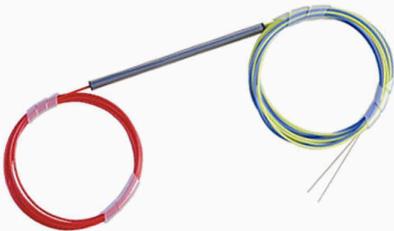
Other models

Data sheet

R001

Data sheet

WODF24/48

Data sheet

FTB16S-1

Data sheet

R1U48
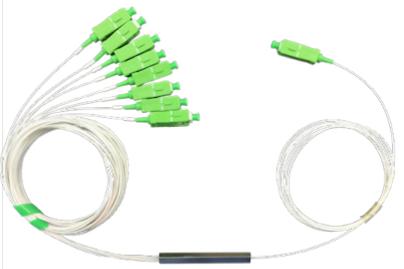
ELIFE

Splitters & mechanical splices

Optical Splitter FBT

Capacity	1*2, 1*4, 1*8….. 2*32 and 2*64
Material	Metal
Fiber type	G.652D, G.657 A1, A2 and B3
Durability	500 cicles

Data sheet

Optical Splitter PLC

Capacity	1*2, 1*4, 1*8….. 2*32 y 2*64
Material	Metal
Fiber type	G.652D, G.657 A1, A2 and B3
Durability	500 cicles

Data sheet

Mechanical Splice

Code	ELMECO1
Insertion Loss	≤0.2dB
Fiber type	G.652D, G.657 A1, A2 and B3
Cable diameter	250um

Data sheet

Mechanical Splice M3

Code	ELCHO2
Insertion Loss	≤0.2dB
Fiber type	G.652D, G.657 A1, A2 and B3
Cable diameter	250um and 900um

Data sheet

Other models

Data sheet
ABS

Data sheet
ELMECO2

Data sheet
ELMECO3

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Model DC432

Size	478*260mm
Material	Modified polymer plastic
Capacity	432 Fibers
IP Rating	IP68

Data sheet

Model Nap96

Size	380*245*130mm
Material	Modified polymer plastic
Capacity	96 Fibers
IP Rating	IP68

Data sheet
Data sheet

Model DC144

Size	435*230mm
Material	Modified polymer plastic
Capacity	144 Fibers
IP Rating	IP68

Data sheet

Model DC48

Size	300*188mm
Material	ABS/PC
Capacity	48 Fibers
IP Rating	IP68

Data sheet

Model LC96

Size	533*209*104mm
Material	Modified polymer plastic
Capacity	96 Fibers
IP Rating	IP68

Data sheet

Other models

Data sheet
DC72

Data sheet
DC96

Data sheet
LC00

ELIFE
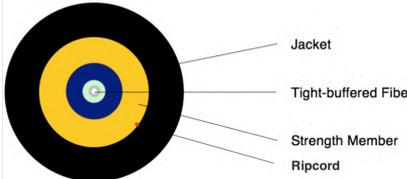
Round drop cable

Diameter	3mm
Installation	Aéreo exterior y interior
Capacity	1 Fibras
Type of fiber	G.652D, G.657 A1, A2 y B3

Jacket
Tight-buffered Fiber
Strength Member
Ripcord
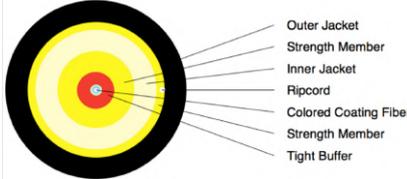
Data sheet

Round drop cable double jacket

Diameter	4mm
Installation	Aerial, outdoor and indoor
Capacity	1 and 2 fibers
Type of fiber	G.652D, G.657 A1, A2 y B3

Outer Jacket
Strength Member
Inner Jacket
Ripcord
Colored Coating Fiber
Strength Member
Tight Buffer
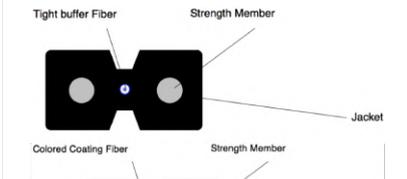
Data sheet

Flat drop cable

Diameter	3*2mm
Installation	Aerial, outdoor and indoor
Capacity	1 and 2 fibers
Type of fiber	G.652D, G.657 A1, A2 y B3

Tight buffer Fiber
Strength Member
Jacket
Colored Coating Fiber
Strength Member
Jacket
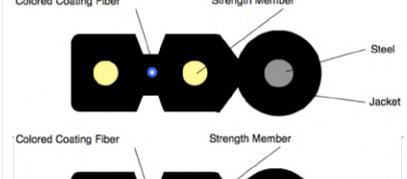
Data sheet

Flat drop cable with member

Diameter	5.5*2.1mm
Installation	Aerial, outdoor and indoor
Capacity	1 and 2 fibers
Type of fiber	G.652D, G.657 A1, A2 y B3

Colored Coating Fiber
Strength Member
Steel
Jacket
Colored Coating Fiber
Strength Member
Steel
Jacket

Data sheet

Drop cable model MX

1. Steel Wire
2. KFRP Strength Member
3. Jacket
4. Fiber Optic Coating

Diameter	5.2*2.1mm
Installation	Aerial, outdoor and indoor
Capacity	1, 2, 3 y 4 fibers
Type of fiber	G.652D, G.657 A1, A2 y B3

Data sheet

Other models

Jacket
Tight-buffered Fiber
Strength Member
Rip cord
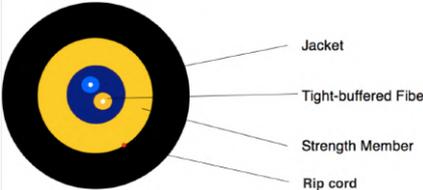
Data sheet

Round drop cable 2 fibers

Tight-buffered Fiber
Jacket

Data sheet

Invisible drop

Colored Coating Fiber
Loose Tube
Strength Member
Filling Gel
Outer Jacket

Data sheet

Flat drop cable

ELIFE
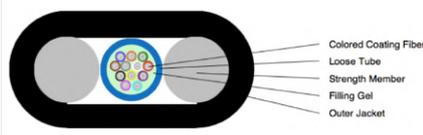
Cables
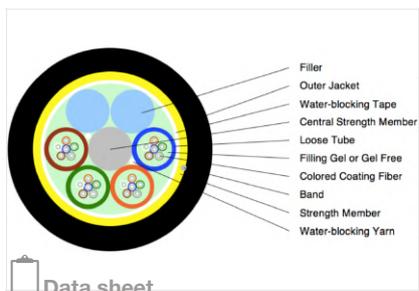
ADSS single jacket

Span (Meters)	80, 120, 150, 200, 300 up to 400
Installation	Aerial, outdoor
Fiber capacity	12, 24, 36, 48 up to 144
Type of fiber	G.652D, G.655C, G.657A1
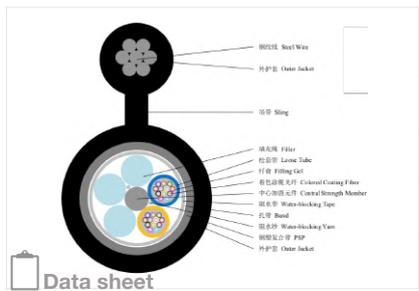
Data sheet

Armoured figure 8

Span (Meters)	80, 120, 150, 200, 300 up to 400
Installation	Aerial, outdoor
Fiber capacity	12, 24, 36, 48 up to 96
Type of fiber	G.652D, G.655C, G.657A1

Data sheet

Aerial armoured

Span (Meters)	80, 120, 150
Installation	Aerial, outdoor
Fiber capacity	12, 24, 36, 48 up to 144
Type of fiber	G.652D, G.655C, G.657A1

1. Filler 6. Waterproof Tape
2. Loose tube 7. Band
3. Colored Coating 8. PSP
4. Central Member 9. Outer Jacket
5. Water-blocking Yarn 10. Ripcords
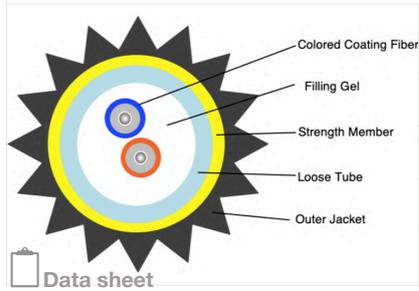
Data sheet

Air blown fiber

Diameter	3 ~ 8mm
Installation	Duct outdoor
Fiber capacity	12, 24, 36, 48 up to 144
Type of fiber	G.652D, G.657 A1, A2 & B3

Data sheet

Clamp Drop redondo

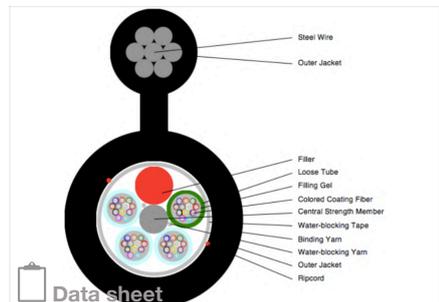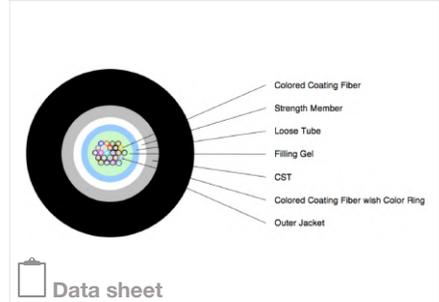|	
Material	ABS/PC + Galvanised steel
Resistance	100kg
Cable diameter	3 ~ 7mm
Cable type	Drop round & flat

Data sheet

Other models
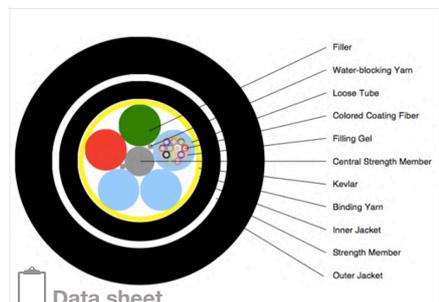
Data sheet
ADSS double jacket

Data sheet
Figure 8

Data sheet
Micro-cable

Data sheet
Clamp for flat drop

Data sheet
Clamp for ADSS

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ELIFE

FTTx splice machine with 6 motors

Model	AI-9
Alignment method	Precise core alignment
Quantity of motors	6
Applicable fibres	Any common optical fibers, rubber-insulated fibers and jumpers that meet requirements of ITU-TG.651~653, ITU-

Romatecsans
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Fiber Optics

DSS 12 FIBER 100 MTS SPAN

- Filler
- Outer Jacket
- Water-blocking Tape
- Central Strength Member
- Loose Tube
- Filling Gel
- Colored Coating Fiber
- Ripcord
- Strength Member
- Water-blocking Yarn

Romatecsans
Fiber Optics

NK3200D Mini OTDR
Optical Fiber Tester Optical Time Domain Reflectometer
9-IN-One Functions

Data sheet

- r
- er Jacket
- er-blocking T
- tral Strength
- se Tube
- g Gel
- ored Coating
- cord
- ngth Membe
- er-blocking Yarn

Data sheet

| | 10.4 ± 0.5 |
| 124.8 ± 0.7 |
| ≤0.7 |
| ≤0.5 |
| 245 ± |
| ≤6.0 |

Specific

9.2 ±

10.4 ± 0.5

124.8 ± 0.7

Data sheet

Data sheet

OTDR		Media Converter	
Model	NK6000	Model	HTB-GI-03
	≤0.5		
Dynamic range (dB)	23/21 (850/1300nm) 32/30, 38/36 (1310/1550nm) 32/30/30 (1310/1490/1550nm) 34, 36 (1625nm)	Connector	SC, LC
		Distance	MM - 550 m to 2 SM - 20 km to 100 km
≤6.0		Wavelength	MM 850 SM - 1310 / 1550 nm10

- Self patent for PON network terminal analysis and troubleshooting
- Intelligent troubleshooting of optical point-to-point....ont cat is not turned on, the end of the fiber
- Support return loss detection, qual

≤0.25

power meter function

Fiber optic OTDR with iOLM

Optical Time Domain Reflectometer

OTDR

Data sheet

Model	EL-A1500S
Dimensions (mm)	253* 168* 73.6
Weight (kg)	1.5 (including battery)
Display	7 inches TFT-LCD with LED backlight (touch screen function is optional)
Interface	1*RJ45, 3*USB port (USB 2.0, Type A USB*2, Type B USB*1)
Power supply	10V(dc), 100V(ac) to 240V(ac), 50~60Hz
Battery	7.4V(dc)/4.4Ah lithium battery (with air traffic certification) Operating time: 12 hours, Telcordia GR-196-CORE Charging time: <4 hours (power off)
Power saving	Backlight off: Disable/1 to 99 minutes Auto shutdown: Disable/1 to 99 minutes
Data storage	Internal memory: 4GB (about 40,000 groups of curves)

OLT

Data sheet

Item		V1600G2-B
Chassis	Rack	1U 19Inch Standard Box
Uplink Port	QTY	8
	RJ45(GE)	4
	SFP(GE)/SFP+(10GE)	4
GPON Port	QTY	16
	Physical Interface	SFP Slots
	Max splitting ratio	1:128
Management Ports		1*10/100/1000BASE-T out-band port, 1*CONSOLE port, 1*USB2.0, 1*Type-C USB (for console)
Backplane Bandwidth (Gbps)		208
Port Forwarding Rate(Mpps)		124.992
PON Port Specification	Transmission Distance	20KM
	GPON port speed	Upstream 1.244Gbps, Downstream 2.488Gbps
	Wavelength	TX 1490nm, RX 1310nm
	Connector	SC/UPC
	Fiber Type	9/125μm SMF
	Supported PON module level	Class B+, C, C+, C++, C+++
Management Mode		EMS, WEB, SNMP, Telnet , CLI

Filler
Outer Jacket
Water-blocking Tape
Central Strength Member
Loose Tube
Filling Gel
Colored Coating Fiber
Ripcord
Strength Member
Water-blocking Yarn

Data sheet

Data sheet

Specifications
9.2 ± 0.4
10.4 ± 0.5
124.8 ± 0.7
≤0.7
24
≤6.
≤12.

Fiber Parameters			
Items		Unit	Specifications
Mode Field Diameter	1310nm	um	9.2 ± 0.4
	1550nm	um	10.4 ± 0.5
Cladding Diameter		um	124.8 ± 0.7
Cladding Non-Circularity		%	≤0.7
Concentricity Error		um	
		um	
		%	≤6.0
Cladding Coating Concentricity Error		um	

ELIFE

Cleaning kit

Romatec sans Fiber Optics

Model	EL-1CKT
	- 1x FBT Fiber Optic Cleaning Cube - 120x wipes - 1x 2.5mm One-Click Cleaner SC/FC/ST - 1x 1.25mm One-Click Cleaner LC/MU - 1x Aqua Fiber Optic Cleaner (60ml) - 100x Lint-Free Cleaning Wipes - 1x Canned Air - Filtered (120ml/4.2oz) - 10x 99.7% IPA Cleaning Wipes (Pre-Moistened) - 1x 250ml Twist-Lock Automatic Alcohol Dispensing Bottle - 1x Portable Carrying bag (230×160×150mm)

Data sheet

Model	EL-2CKT
	- 1x Fiber Connector Cleaner RS-105 - 1x Reel of Replacement for RS-105 Cleaner - 1x 200X Mini Fiber Microscope 200X (SC & LC) - 1x 2.5mm SC/FC/ST Ergonomic One-click Cleaner - 1x LC/MU Ergonomic One-click Cleaner - 1x KimWipes 280 pcs/box - 1x 250ml Bottle of Alcohol with locked - 10x IPA Fiber Cleaning Wipes (Pre-Moistened) - 1x Fiber Cleaning Wipes 7.5×7.5mm, 50/pkg - 1x Pocket Visual Fault Locator VFL (Optional) - 1x Carrying Tool Case (385×275×110mm)

	Specifications
	9.2 ± 0.4
	10.4 ± 0.5
	124.8 ± 0.7
	≤0.7
	≤0.5

Romatec SANS
Your Fiber Optic Partner in Asia

	λcc≤1260
	≤0.36
	≤0.25

CLEANER

Data sheet

Model	EL-4TK
	- 1x Carrying Bag of whole kits - 1x Optical Power Meter - 1x SC transfer connector for power meter - 1x Protected Bag for Locator - 1x 1mw Laser pointer Visual Fault Locator 5km - 1x Fiber Cleaver FC-6S - 1x Bag for cleaver - 1x CFS-2 Fiber Optic Cable Stripper - 1x FTTH Drop Cable Stripper - 1x Alcohol bottle - 1x Fixed length rail - 3x Small Allen Wrench

Tool kit

Data sheet

Model	RS-1TK

Parts

- 1x Fiber optic stripper
- 1X KEVLAR Scissor
- 1x Fiber Jacket Stripper
- 1x Rotary Cable Stripper
- 1x 45-163 Blue buffer tube stripper
- 1x Optical Fiber Precision Cleaver
- 1x Fiber Continuity Tester
- 1x Longitudinal Fiber Cable Slitter
- 1x Round Cable Slitter
- 1x 8" Steel Wire Rope Cutter
- 1x 6"Needle Node Pliers 135mm
- 1x 6" Side Cut Pliers 130mm
- 1x 4 Bits Screwdriver
- 1x FBT Fiber Optic Cleaning Cube,100wipes
- 5x 99.7% IPA Cleaning Wipes (Pre-Moistened)
- 1x 100ml Alcohol Dispensing Bottle
- 100x 60mm Fusion Splice Protection Sleeves, 100 pieces/bag
- 1x 2M Tape Measure
- 1x Precision Steel tweezers
- 1x Fiber Optic Disposal Unit
- 1x Utility Knife
- 1x Black Marker
- 1x Deluxe Carrying Tool Case

Data sheet

Cassette cleaner	
Model	RSCCN1 CN1
	FC, LC, SC, ST, MPO
Durability	500 500 connections
	115*79*32
	RSCCN1R

Data sheet

One click pen		
Model	SPC25	SPC125
Connector	FC. SC. ST	LC, E2000
Durability	800 connections	

Data sheet

Drop cable stripper	
Model	SPP01
Cable diameter	2 ~ 3mm

ELIFE

CABLE CHARACTERISTICS:

Frequency	cable tested up to 250MHz
AWG	23 AWG
Diameter Conductor	0,55 mm
Standard	ANSI/TIA/568.2-D-IEC 61156-5 (ISO/IEC-11801 2.)-CENELEC EN 50288-5
Jacket	LSZH
Weight	44 Kg/Km
Impedance	100 Ω
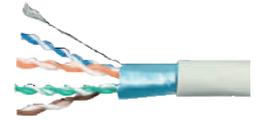
F/UTP

U/UTP

U/FTP

S/FTP

CHARACTERISTICS :

Name of ports	16, 24, 32ou 48 ports RJ45
Category	CAT. 6 UTP ou CAT. 6 STP
Format	rackable 19''
Height	1U ou 2U
Type	modular

Snap-In Keystone Jack Insert Compatible

Patch panel

ELIFE

CHARACTERISTICS :

Category	CAT. 6 UTP ou CAT. 6 STP
Degree	90°
Diameter of supported cable	5 10 mm

Connector RJ45

Length	0,5m	1m	3m	5m	10m	20m
Shielding	U/UTP			F/UTP		

patch cord

CHARACTERISTICS :

CatEGORY	CAT. 6
Compatible	AWG 23 stranded cable
Shielding	unshielded or shielded

Connector RJ45

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