

Provided by: Mega Hertz | 800-883-8839 | [info@go2mhz.com](mailto:info@go2mhz.com) | [www.go2mhz.com](http://www.go2mhz.com)

# 07

PART SEVEN

## Fiber Drop Solutions

- Fiber Drop Cable
- Fiber Drop Connectors
- Field Installable
- Pigtail & Patch Cord
- Fiber Tools

Provided by: Mega Hertz | 800-883-8839 | [info@go2mhz.com](mailto:info@go2mhz.com) | [www.go2mhz.com](http://www.go2mhz.com)

# Fiber Drop Cable Solutions

OFC (Optical Fiber Cable, normally outdoor, with **no** connector on end)

**SA - OFC - - - - F - - - - -**

**Optical Fiber Cable**  
(with no connectors  
on each end)

**Ordered Length**  
xxxxM : xxxx meter  
xxxxFT : xxxx feet

**Optional Special Element**  
T. With tone-able tracing wire  
B. Black color

**Outsheath Material**  
LSZH : Low-Smoke Zero-Halogen  
HDPE : High Density Poly Ethylene  
PVC: Polyvinyl Chloride

**Fiber Diameter**  
30 : 3.0mm round  
42 : 4.2mm round  
50 : 5.0mm round  
4070 : 4.0\*7.0mm flat  
4376 : 4.3\*7.6mm flat  
Etc..

**Type of Fiber**  
G657A1  
G657A2  
G657B3  
G652D etc..

**Fiber core quantity**  
1F, 2F, 12F etc..

**ROFNRC** : Riser OFNR compact  
**ROFNRR** : Riser OFNR ruggedized  
**POFNPC** : Plenum OFNP compact  
**POFNPR** : Plenum OFNP ruggedized

Many options are available, ask for details

# Outdoor Drop Cable Solution –Round Type Air Blow Armored 3.2 / 4.8mm

## Specification

Item	3.2mm
Outer sheath material	LSZH
Tight buffer material	LSZH
Tight buffer diameter	900μm±50μm
Fiber core	G.657A2
Outer cable diameter(mm)	3.2±0.2 (4.8mm optional)
Cable weight (kg/km)	16

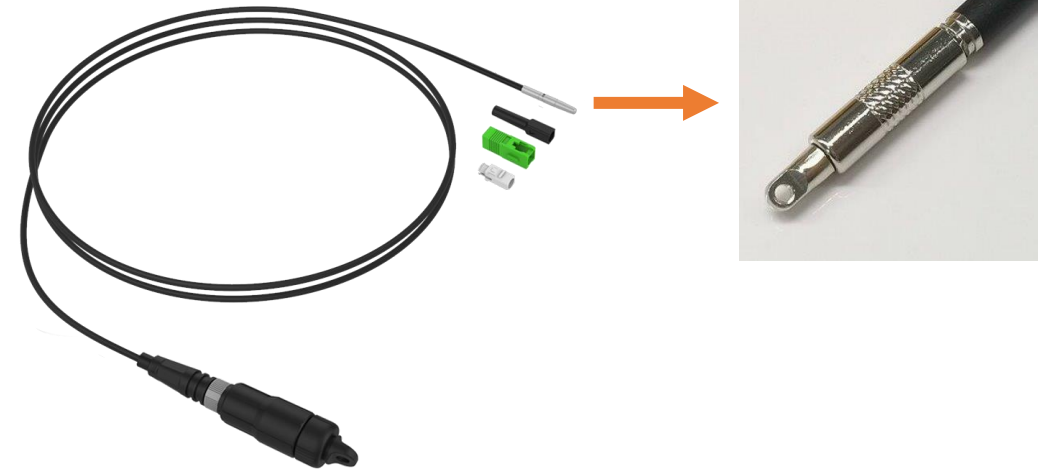
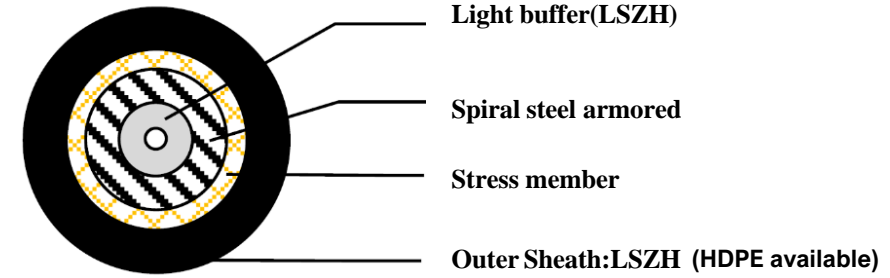
## Application

Item	3.2mm	
Tensile performance(N)	Short term	200
	Long term	100
Crush(N/10cm)	Short term	3000
	Long term	1000
Operation temperature(°C)	-40 ~ +70	
Installation temperature(°C)	-10 ~ +50	
Storage/shipping temperature(°C)	-40 ~ +70	
Static bending radius(mm)	35	
Dynamic bending radius(mm)	70	

## Available Connectors for Round Drop Cable:

- ISCA: Mini-IP, IP68, compatible with Optitap
- MSCA: Mini-SC, IP68, compatible with Huawei
- BSCA: Ballistic end, <4.2mm for air blow
- SSCA: Standard SCA

## Cable Structure



# Outdoor Drop Cable Solution – Round Type Armored 6mm

- Enhanced strength for push/pull wall-through application

## Specification

Item	Contents	Unit	Value
Fiber count	Number	/	1
Fiber type	/	/	G.657A2
Fibers per tube	Count	/	1
Fibers color	/	/	Blue
Loose tube	Material	/	PBT
	Nominal Diameter	mm	2.0
	Color	/	Nature
Strength member	Material	/	Phosphating Steel wire
	Diameter	mm	0.8*2
Water blocking	Material	/	Water blocking compound
Peripheral strength member	Material	/	Steel tape
Attenuation (After cable)	1310nm	dB/km	≤0.36
	1550nm	dB/km	≤0.22
Outer sheath	material	/	HDPE
	Color	/	Black
Cable diameter	± 0.5	mm	6.0
Cable weight	± 5%	kg/km	46

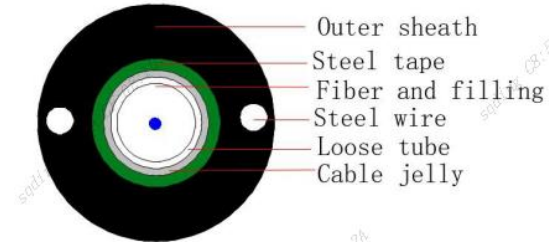
## Application

Item	Contents	Value
Max. tensile load	Short term	1500 N fiber strain ≤0.6%
	Long term	600 N
Max. crush resistance	Short term	1000 N/100mm
	Long term	300 N/100mm
Min. bending radius	Installation	20 x cable diameter
	Operation	10 x cable diameter
Temperature range	Operation	-40°C ~ +70°C
	Installation	-20°C ~ +60°C
	Storage/transportation	-40°C ~ +70°C

## Available Connector for Drop Cable:

- ISCA: Mini-IP, IP68, compatible with Optitap
- MSCA: Mini-SC, IP68, compatible with Huawei
- BSCA: Ballistic end
- SSCA: Standard SCA

## Cable Structure



## BSCA Ballistic end connector



# Outdoor Drop Cable Solution – Flat Type

## Cable Structure



- Strength member
- Inner jacket
- Tight buffer
- Fiber
- Water blocking yarn
- HDPE outer sheath



- Strength member
- Inner jacket
- Tight buffer
- Fiber
- Water blocking yarn
- HDPE outer sheath
- Tracing wire

## Specification

Item	Contents	Value	
Tight buffer	Number	1	
	Outer diameter	0.9±0.05mm	
	Material	LSZH	
Fiber	G.657A1	1	
Inner jacket	Material	FT4 rated flame-retardant material	
	Outer diameter	3.0±0.1mm	
Strength member	Material	GFRP	
	Number	2	
Water Blocking Material	Material	Water blocking yarn	
Sheath	Material	HDPE	
	Color	Black	
Copper wire diameter (mm)		-	AWG 24/26
Cable diameter(mm) Approx. (±0.4)		4.5*8.5	4.5*10.0
Cable weight(kg/km) Approx. (±5)		35	37

## Available Connector for Flat Drop Cable:

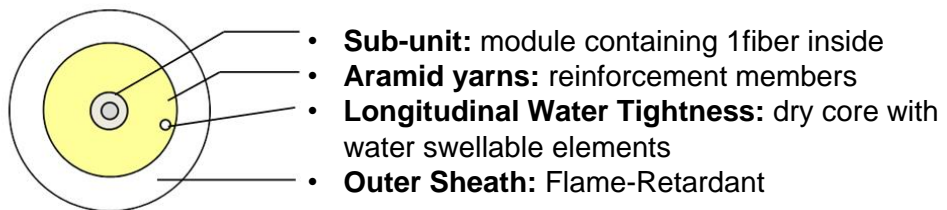
- ISCA: Mini-IP, IP68, compatible with Optitap
- MSCA: Mini-SC, IP68, compatible with Huawei
- BSCA: Ballistic end
- SSCA: Standard SCA

## Application

Serial No.	Item	Requisites
1	Maximum tension	1200N
2	Crush resistance	500N/10cm
3	Operating temperature	-40°C ~ +70°C
5	Application	Aerial / Duct

# Indoor Drop Cable Solution – CSA FT-4 FT-6 Rated Cable – 3.0/4.8 mm

## Cable Structure



## Specification

Type of cable	Riser Compact	Riser Ruggedized	Riser Ruggedized	Plenum Compact	Plenum Ruggedized	Plenum Ruggedized
Application scenarios	Indoor		Outdoor	Indoor		Outdoor
Number of fiber	1			1		
Tight buffer Diameter (μm)	900±50			900±50		
Nominal Cable Diameter (mm)	3.0	4.8	4.8	3.0	4.8	4.8
Cable Weight (kg/km)	10.0±1.0	28.1±2.0	28.1±2.0	10.0±3.0	28.1±5.0	28.1±5.0
Tension MAX (N)	220	450	450	220	450	450
Crush resistance (N/cm)	35	100	100	35	100	100
Color of jacket	Ivory, White, Yellow, Black		Black	Ivory, White, Yellow, Black		Black

## Application

Temperature Range	Indoor rated	Outdoor rated
Operation	-20°C~ +70°C	-40°C~ +70°C
Installation	0°C~ +60°C	-30°C~ +60°C
Storage/Shipping	-40°C~ +70°C	-40°C~ +70°C

Provided by: Mega Hertz | 800-883-8839 | [info@go2mhz.com](mailto:info@go2mhz.com) | [www.go2mhz.com](http://www.go2mhz.com)

# Fiber Drop Connectors & Field Installable Fiber Connector Solutions



FCD (Fast Connect Drop cable, normally outdoor, with connector on end)

SA – FCD - - - - - F - - - - -

**Ordered Length**  
xxxxM : xxxx meter  
xxxxFT : xxxx feet

**Optional Special Element**  
T : With tone-able tracing wire  
B : Black color

**Outsheath Material**  
LSZH : Low-Smoke Zero-Halogen  
HDPE : High Density Poly Ethylene  
PVC: Polyvinyl Chloride

**Fiber Diameter**  
30 : 3.0mm round  
42 : 4.2mm round  
50 : 5.0mm round  
4070 : 4.0\*7.0mm flat  
4376 : 4.3\*7.6mm flat  
Etc..

**Type of Fiber**  
G657A1  
G657A2  
G657B3  
G652D etc..



**Fast Connect Drop cable**  
(with any connector on any end)

**Connector type, write one if the other end is open. Write both if have connectors on both ends.**  
HSCA : SureAlign Hardened SC/APC  
ISCA : Mini-IP SC/APC (Optitap compatible)  
MSCA : Mini-SC SC/APC(Huawei compatible)  
BSCA : Ballistic SC/APC  
SCA: normal SC/APC  
SSCA : Standard SC/APC

**Cable type**  
Follow China's standard or vendor code

**Fiber core quantity**  
For drop cable normally is 1F so can remove this

## Connector Options for Drop Cable - Pre-Connectorized Hardened Connectors (MSCA/ISCA/SSCA series)

### Connector Solutions

The outdoor connectors are critical products of outdoor pre-connectorized solution. The connector is pre-installed to outdoor cable in factory, so the link loss can be lower than traditional deployment way. It enhances the stability and reliability of optical link and reduces the implementation time and cost, provides better solution for outdoor cable.




Under the conditions of authorization, we can provide connector solutions matching the mainstream adapters in the market

### Features

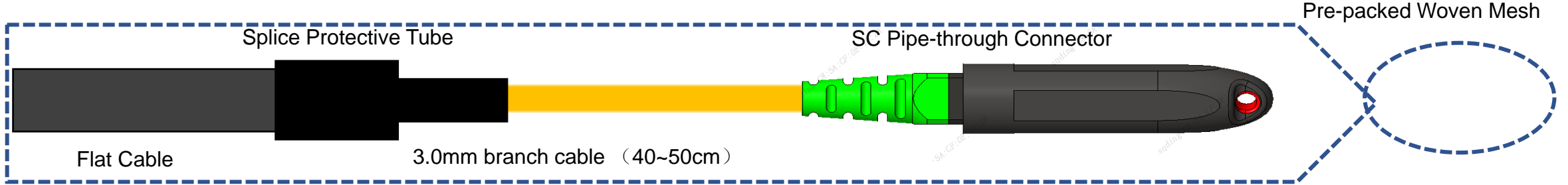
- Convenient operation, quick installation.
- Protection lever : IP68.
- Excellent anti UV, anti-corrosion performance.
- Support aerial and underground installation.
- Excellent mechanical properties, meet the tensile strength of 300N

### Specifications

Item	Specifications
Insertion loss (dB)	≤ 0.3
Return loss (dB)	APC≥60
Connector	V3
Working temperature (°C)	-40~+65
Protection lever	IP68
Tensile strength (N)	300
Application	Aerial, Underground

MSCA: Mini-SC	
ISCA: Mini-IP	
SSCA: Standard SC	

Connector Options for Drop Cable – Pushable Ballistic End (BCSA series)



Reusable Woven Mesh

- 1) Hold the tail cover of the main body of the connector with the left hand, and put the net cover
- 2) The left hand is still pinched, and the right hand continues to push the sleeve forward to expand the net
- 3) Keep the right hand tight and release the left hand. At this time, the elasticity of the local expansion of the
- 4) Repeat the above action until the network sleeve is about 40cm into the optical cable. The right hand
- 5) At this time, the net sleeve can be used as the traction carrier to pass the pipe connector through the wall
- 6) After the end of the tube, when you need to take out the mesh sleeve, just follow the above reverse

Once the net sleeve is pulled, it immediately shrinks and tightly packages the cable, producing strong friction.

Connector Main Body

Traction Cap

SC Standard Cover

※The tensile force of SC end with woven mesh can reach 100N

## Connector Options for Drop Cable - Mini-SC / Mini-IP Field Fast Connector (MSCA/ISCA series)

### Features:

- Fast deployment, plug and play
- Lower insertion loss SC technology
- Flat cable support aerial self-supporting and ground duct application
- Fast locked connector design

### Mini-SC Fast Connector



### Specifications

Item	Parameter
Insertion loss	Max.0.4dB , Min 0.25 dB
Return loss	SM: UPC≥45dB, APC≥60 dB
Repeatably	≤0.2dB
Interchangeability	≤0.2dB
Tighten Strength of Bare Fibe	1 ~ 4N
On-line Tensile Strength test (60N)	△IL≤0.3dB, △RL≤5dB
Durability	200 cycles
Operating Temperature	-5 °C ~ +60 °C
Storage Temperature	-40 °C ~ +85 °C
Installation Temperature	-5 °C ~ +60 °C
Waterproofing grade	IP67
Cable diameter range	2x3mm Butterfly ; 2x5mm Butterfly ; Ø3.0mm ; Ø5.0mm
Housing material	Plastic: Reinforced PEI

### Mini-IP Fast Connector (OptiPort)



### Specifications

Waterproof Rate	IP68.(1M ,1hour)	
Applicable optical cable	2.0x3.0mm,3.0mm ,5.0mm	
Insertion loss	≤0.50dB	
Return loss	≥55dB	
End face performance	Conform to YD T 2341.1-2011	
Mechanical durability	1000 times	
Cable tension	2.0x3.0mm (Ttap Fast Connector)	≥30N; 2Minute
	2.0mm,3.0mm (Ttap Connector)	≥30N; 2Minute
	5.0mm (Ttap Connector)	≥70N; 2Minute
Torsion of optical cable	≥15N	
Drop performance	Allow 10 drops under 1.5m height without abnormal performance	
Operation temperature	5.0mm	-40°C~+80°C
Hot and humid working environment	Long term operation under 90% relative humidity ,70 °C	

# Connector Options for Drop Cable – Field Fast Connector (SA-FC/FCL series)



SA-FC series, for 250/900µm fiber

SA-FCL series, for 2.0/3.0mm fiber

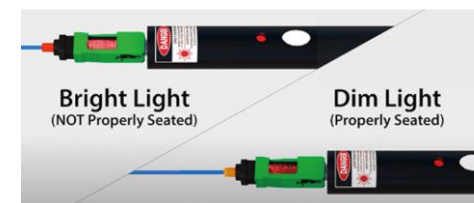
## Features

- SureAlign V-Groove ensures reliable and repeatable fiber seating to ferule
- SureAlign site window provides visual confirmation of fiber seating when light dims
- New design increasing tensile strength to hold fiber in place
- New external ribbing design to ensure usability even when wearing gloves
- Low insertion loss < 0.3 dBm
- Repeat seating of fiber up to 5 times
- Meets regulations IEC 61754-4 and RoHS
- Standard or Precision tool backpack available for fiber techs
- Training videos available via QR Code on packaging

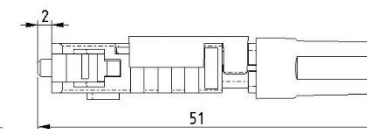
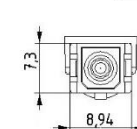
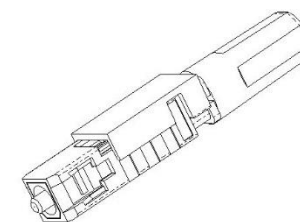
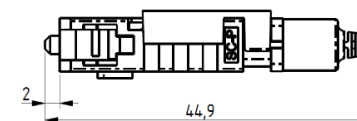
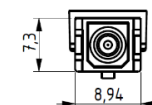
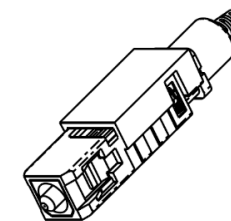
## Optical Performance

Characteristics	Condition	Unit	Value		
			Min	Mean	Max
Insertion Loss	UPC	dB		0.25	0.30
	APC	dB		0.25	0.30
Return Loss	UPC	dB	50.0	51.0	
	APC	dB	55.0	57.0	

## Key Feature



Visual Check Feature



Provided by: Mega Hertz | 800-883-8839 | [info@go2mhz.com](mailto:info@go2mhz.com) | [www.go2mhz.com](http://www.go2mhz.com)

# Pigtail & Patch Cord Solutions

FPC (Fiber Patch Cord, normally indoor, with connector on end)

**SA – FPC – – – – F – – – –**

**Fiber Patch Cord**

**Ordered Length**  
xxxxM : xxxx meter  
xxxxFT : xxxx feet

**Optional Special Element**  
Y : Yellow  
B : Black

**Outsheath Material**  
LSZH : Low-Smoke Zero-Halogen  
PVC: Polyvinyl Chloride

**Fiber Diameter**

- 09: Φ0.9mm
- 14: Φ1.4mm
- 16: Φ1.6mm
- 19: Φ1.9mm
- 20: Φ2.0mm
- 24: Φ2.4mm
- 30: Φ3.0mm
- 42: Φ4.2mm
- 48: Φ4.8mm
- Etc..

**Type of Fiber**  
G657A1  
G657A2  
G657B3  
G652D  
OM3  
OM4 etc..



**Connector type, write one if the other end is open (pigtail). Write both if have connectors on both ends.**  
BSCA : Ballistic SC/APC  
SCA: normal SC/APC

**Cable type**  
Follow China's standard or vendor code, if any  
GJFJH: LSZH single fiber cable  
GJFJBV: PVC duplex fiber cable  
GJFJBH: LSZH duplex fiber cable  
JV1: tight buffer fiber  
JL1: hytrel tight buffer fiber  
JH1: LSZH tight buffer fiber  
ROFNR: Riser OFNR / FT4  
POFNP: Plenum OFNP / FT6

**Fiber core quantity**  
For Patch Cord normally is 1F so this can omit

## Pigtail and Patch-cord

Pigtail and patch-cord are single fiber cable or duplex fiber cable used in the connection of different equipment. Various of connectors such as FC, SC and LC are available. Strict manufacturing process ensures the reliable quality of the pre-connectorized connectors. All connectors have good environmental and mechanical performance.

### Features

- Ultra-polished (UPC) and Angle-polished (APC) connectors with good performance
- Simplex and duplex are optional
- G.657A1/A2/B3 single-mode fiber are optional
- OM3/OM4 multi-mode fiber are optional
- Flame retardant grade FT4/FT6
- 2mm, 3mm, 4.8mm round drop cable and figure-8 drop cable are available
- Fiber lengths are in the range of 1~999 meters
- Various colors of cable sheath



### Connector type

#### • Single-mode connector

Connector type	Insertion loss	Return loss	Repeatability (500 matings, additional IL)	Exchangeability (additional IL)
SC/UPC	≤ 0.3dB	≥ 50dB	≤ 0.2dB	≤ 0.2dB
SC/APC	≤ 0.3dB	≥ 60dB	≤ 0.2dB	≤ 0.2dB
FC/UPC	≤ 0.3dB	≥ 50dB	≤ 0.2dB	≤ 0.2dB
FC/APC	≤ 0.3dB	≥ 60dB	≤ 0.2dB	≤ 0.2dB
LC/UPC	≤ 0.3dB	≥ 50dB	≤ 0.2dB	≤ 0.2dB
LC/APC	≤ 0.3dB	≥ 60dB	≤ 0.2dB	≤ 0.2dB

#### • Multi-mode connector

Connector type	Insertion loss (50/125µm and 62.5/125µm)	Repeatability (500 matings, additional IL)	Exchangeability (additional IL)
SC/UPC	≤ 0.3dB	≤ 0.2dB	≤ 0.2dB
FC/UPC	≤ 0.3dB	≤ 0.2dB	≤ 0.2dB
LC/UPC	≤ 0.3dB	≤ 0.2dB	≤ 0.2dB

Multi-mode loss: 850nm wavelength

1. When the length is less than or equal to 50m,  $IL \leq 0.3dB$ ;
2. When the length is greater than 50m,  $IL = 0.3dB + L \times 3.5dB/1000m$



**Single fiber cable**

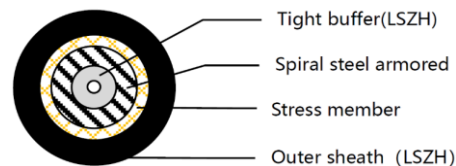
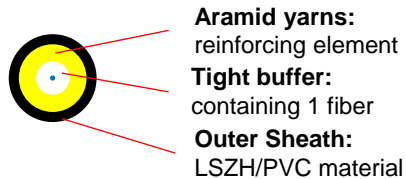
• **Cable specification**

Item	2mm		3mm		4.8mm	
Outer sheath material	LSZH	PVC	LSZH	PVC	LSZH	PVC
Tight buffer material	LSZH	PVC	LSZH	PVC	LSZH	PVC
Flame retardant grade	FT4	FT6	FT4	FT6	FT4	FT6
Tight buffer diameter	900µm ± 50µm					
Reinforcing element	Aramid yarn					
Fiber core	G.657A1/A2/B3, OM3/OM4					
Outer cable diameter	2.0±0.2mm		3.0±0.3mm		4.8±0.3mm	
Cable weight	5.0±1.5 kg/km		8.0±2.0 kg/km		20±5kg/km	

• **Cable operating parameters**

Item	2mm	3mm	4.8mm
Tensile performance	100N	200N	350N
Crush	50N/10cm	100N/10cm	150N/10cm
Operation temperature	-40°C ~ +70°C		
Installation temperature	-30°C ~ +60°C		
Storage/shipping temperature	-40°C ~ +70°C		
Static bending radius	10D (D is the outer diameter of cable)		
Dynamic bending radius	20D (D is the outer diameter of cable)		

• **Cable structure**



When the cable diameter is 2mm,3mm and 3.2mm, SC, FC and LC connectors can be used. When the cable diameter is 4.8mm, SC connectors can be used. The example shown above is the cable with SC/APC connectors.

# Pigtail and Patch-cord

## Duplex fiber cable

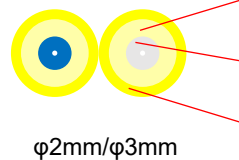
### • Cable Specification

Item	2mm		3mm		4.8mm
Outer sheath material	LSZH	PVC	LSZH	PVC	LSZH
Tight buffer material	LSZH	PVC	LSZH	PVC	Nylon
Flame retardant grade	FT4	FT6	FT4	FT6	FT4
Tight buffer diameter	900μm±50μm				
Reinforcing element	Aramid yarn				Water blocking glass yarn
Fiber core	G.657A1/A2/B3, OM3/OM4				
Outer cable diameter	(4.0×2.0) ±0.3mm		(6.0×3.0) ±0.3mm		4.8±0.2mm
Cable weight	10.0±3.0 kg/km		17.0±3.0 kg/km		27.4±5kg/km

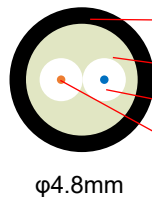
### • Cable operating parameters

Item	2mm	3mm	4.8mm
Tensile performance	100N	400N	450N
Crush	50N/10cm	200N/10cm	2000N/10cm
Operation temperature	-40°C ~ +70°C		
Installation temperature	-30°C ~ +60°C		
Storage/shipping temperature	-40°C ~ +70°C		
Static bending radius	10D (D is the outer diameter of cable)		
Dynamic bending radius	20D (D is the outer diameter of cable)		

### • Cable structure



**Aramid yarns:**  
reinforcing element  
**Tight buffer:**  
containing 1 fiber (blue and orange)  
**Outer Sheath:**  
LSZH/PVC material (yellow or aqua)



**Outer sheath**  
**Strength member**  
**Tight buffer**  
**Fiber**



When the cable diameter is 2mm and 3mm, SC, FC and LC connectors can be used. When the cable diameter is 4.8mm, LC connectors can be used. The example shown above is the cable with LC/UPC connectors.

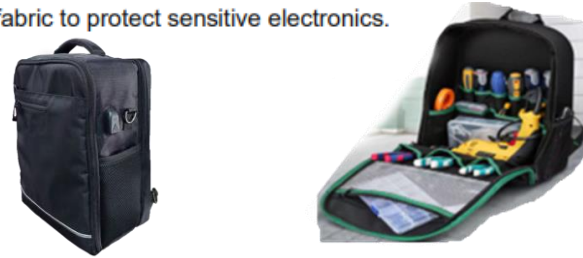
Provided by: Mega Hertz | 800-883-8839 | [info@go2mhz.com](mailto:info@go2mhz.com) | [www.go2mhz.com](http://www.go2mhz.com)

# Fiber Tech Go Kit

## Fiber Tech Go-Kit

### Feature

- The *SureAlign Go-Kit* has a capacity of 21L, with 15.5L in the tool layer and 5.5L in the laptop layer, which can easily fit in a 17-inch laptop as well as additional tools.
- Switchable double shoulder carry and single shoulder crossbody carry ensuring Tech safety.
- Heavy duty wear-resistant, padding, and waterproof fabric to protect sensitive electronics.



### Order information

	Standard configuration	Reference picture	Premium configuration	Reference picture	P/N
1	3 Hole Fiber Optic Stripper		3 Hole Fiber Optic Stripper		TS-STR
2	Cable Slit		Cable Slit		TS-CAS
3	Kevlar scissors		Kevlar scissors		TS-KSC
4	420 SUS Scissors		420 SUS Scissors		TS-SCI
5	Pen-type fiber cleaner 2.5mm		Pen-type fiber cleaner 2.5mm		TS-FOCP-25-BE
6	Fiber Optic Flat Drop Cable Slitter		Fiber Optic Flat Drop Cable Slitter		TS-SLI

7a	FB-1688C Cleaver				TS-FB-1688C
7b			Fujikura CT08 Cleaver		TS-FU-CT08
8a	Visual Fault Locator (1mW)				TS-VFL301-01
8b			Visual Fault Locator (10mW)		TS-VFL301-10
9	Fiber Wipes		Fiber Wipes		TS-WIP
10	Fiber peeling tool		Fiber peeling tool		TS-FPT
11	Fiber Tweezers		Fiber Tweezers		TS-TWE
12			Optical power meter		TS-OPM101

Technity P/N	Description
TS-MFK-STD	Fiber optic tool backpack, USB port, double shoulder and cross shoulder belt switchable. standard tools package. Check table above list for detail tools.
TS-MFK-PRE	Fiber optic tool backpack, USB port, double shoulder and cross shoulder belt switchable. premium tools package. Check table above list for detail tools.

Fiber Tech Go-Kit Addition

Optional tester and tools selections – basic version:

Technity P/N	Product Catalog	Description
TS-FLHA-01	Adaptor	Optional <u>accessory</u> , FC-LC Hybrid adaptor from 2.5mm FC to 1.25mm LC. Use with Power Meter/Light Source
TS-OLS201-35-LD9-FOA22	Light Source	Optic Light Source 1310/1550nm, SM LD 9/125um, FC and SC/APC connector
TS-VFL301-50	VFL	Visual Fault Locator, metal body design with Rubber protection on connector part, ESD protection design; Re-changeable ceramic tube; Up to 50mw Power
TS-VFL301N-01	VFL	Mini Visual Fault Locator, Both CW and Pulse(2Hz) available; up to 40 hours with AAA batteries; 1mw Power
TS-VFL301N-10	VFL	Mini Visual Fault Locator, Both CW and Pulse(2Hz) available; up to 25 hours with AAA batteries; 10mw Power
TS-FC101A	Cleaner	Fiber Connector Cleaner Cassette (dual-core cleaning), Cleaning Times Over 500 times per reel (dual-core); Replaceable cleaning tape;
TS-FOCP-25-BE	Cleaner	Pen-type Fiber Cleaner for 2.5mm SC/FC/ST, designed to clean both the male connector ends and female bulkhead adapters, 500+ times; Effectively clean all kinds of dust, <u>oil</u> and debris;
TS-FOCP-125-BE	Cleaner	Pen-type Fiber Cleaner for 1.25mm LC/MU, designed to clean both the male connector ends and female bulkhead adapters, 500+ times; Effectively clean all kinds of dust, <u>oil</u> and debris;



Mini VFL



VFL

Fiber Cleaner Cassett



FOCP-25-BE

FOCP-125-BE

## Fiber Tech Go-Kit Addition

Optional tester and tools selections – premium version:

TS-OLS201-8335-LED50-FOA11	Light Source	Optic Light Source 850/1300/1310/1550nm, SM LD 9/125um, MM LED 50/125um, FC and SC/APC connector
TS-PON106AP-FOA22	XGS PON Power Meter	10Gb PON Power Meter(XGS-PON), Auto detected EPON,GPON mixed with new generation 10G-EPON or XGS-PON; Supports tests in GPON, EPON, and XGS-PON/10G-EPON networks with RF Overlay feature, SC/APC FC/APC(UPC optional), Alkaline Battery(3 AA 1.5V batteries),with FC/SC APC connector
TS-iOPM101A-L+ TS-iOLS201A	Premium Power Meter	Intelligent Optical Loss Test Kit; 1310/1490/1550/1625nm±20nm optic source, 850,1300,1310,1490,1550,1625nm Auto Detected Power meter; Support other wavelength customization. Optic Power Meter with measure range from -70dBm to +6dBm
TS-OMT105-85-LED50-H-OP10-FOA11	Light Source	Optical Multi Tester, 850/1300nm light source, MM LED 50/125um, VFL=10mW, FC/UPC and SC/UPC Connector, Power Meter range -50~+26dBm
TS-OFI401	OFI	Optical Fiber Identifier, Identified Wavelength Range 800-1700 nm, Identified Signal Type CW, 270Hz±5%, 1kHz±5%, 2kHz±5%; Alkaline Battery(2 AA 1.5V batteries)
TS-OTDR801HN-356-FOA22	OTDR	Portable Modalized OTDR with 10mw Power VFL and optional OPM module, Wavelength 1310/1550nm/1625nm wavelength; Dynamic Range 35/33/32dB; with default SC/APC connector and replaceable FC/APC Connector
TS-OTDR801ACB	OTDR Accessories	OTDR Launch Cable Box only
TS-OTDRC-500	OTDR Accessories	OTDR Launch Drop Cable, 500Meter SM Fiber, G.652.D
TS-OTDRC-1000	OTDR Accessories	OTDR Launch Drop Cable, 1000Meter SM Fiber, G.652.D

TS-FM4021P+	Connector Inspection Microscope	Intelligent WIFI Inspection Microscope, with WI-FI or USB connection support software install on PC or App install on smart phone; with UPC tool kits
TS-FM4021P+-001	Microscope Accessories	2.5MM/APC-M TIP
TS-FM4021P+-002	Microscope Accessories	1.25MM/APC-M TIP
TS-FM4021P+-003	Microscope Accessories	FC/APC-F TIP
TS-FM4021P+-004	Microscope Accessories	SC/APC-F TIP
TS-FM4021P+-005	Microscope Accessories	LC/APC-F TIP



XGS-PON Power Meter



Intelligent OTDR



Optical Fiber Identifier TS-OFI401