



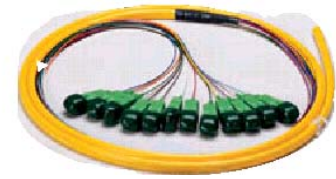
▶ A05, 9/F, Block 2, Camel Paint Building, 62 Hoi Yuen Road, Kwun Tong, Kowloon, HongKong



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# Data *sheet*

## Optical Fibre Pigtail



Type - Single Mode	FC/PC	FC/UPC	FC/APC	SC/PC	SC/UPC	SC/APC	ST/PC	ST/UPC
Typical Insertion Loss (dB)	≤0.20							
Max Insertion Loss (dB)	≤0.30							
Repeatable (dB)	≤0.10							
Exchange (dB)	≤0.20							
Return Loss (dB)	≥45	≥50	≥60	≥45	≥50	≥60	≥45	≥50
Operating Temperature (°C)	-40~+80							
Storage Temperature (°C)	-40~+85							
Diameter mm	φ2,φ3							
Bunchiness or Ribbon	4,6,12 cores							



Pigtail without Jacket



Pigtail with Hard Jacket





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# Data sheet

## Optical Fibre Patchcord

	Single Mode			Multi Mode
	UPC	SM APC	PC	MM PC
Model	UPC	APC	PC	PC
Insert loss	≤0.2dB	≤0.3dB	≤0.3dB	≤0.3dB
Working temp	-40°C~+80°C			
Repeatable	≤0.1dB	≤0.1dB	≤0.1dB	≤0.1dB
Return loss	≥50dB	≥60dB	≥45dB	≥45dB
Pull strength	≥98N	≥98N	≥98N	≥98N



FC/FC(φ2, φ3)



Double core FC/FC(φ2, φ3)



SC/SC(φ2, φ3)



ST/LC(φ2, φ3)



ST/ST(φ2, φ3)



LC/LC(φ2, φ3)



LC Adapter



ST/ST Adapter



FC/FC Adapter



FC/FC/APC Adapter



MT-RJ Adapter



FC/FC Adapter (D)



SC/SC Adapter



SC/SC/APC Adapter



MU Adapter



FC/SC APC adapter

### Connector

Insert loss	≤0.2dB
Keeping force	2~6N
Repeatable	≤0.1dB
Working temp	-40°C~+80°C
Changeability	≤0.2dB

- High Quality
- Easy to Install
- Low Loss
- Ex-stock Delivery





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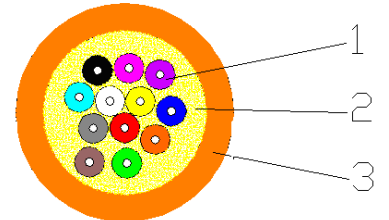
# Data sheet

## Indoor Single-mode Optical Cable ≤12 Cores

**RoHS**  
Compliant

Modal name: GJPFJV-2B1, GJPFJV-4B1, GJPFJV-6B1, GJPFJV-8B1, GJPFJV-10B1, GJPFJV-12B1

Core	2	4	6	8	10	12
Normal diameter (mm)	4.5	4.5	5.5	6	6.5	6.5
Materials:	Fiber: Corning, YOFC, Draka Kevlar: Dupont, Teijin Pwaion Buffer: PVC Jacket: PVC		Features: • Cable: IEC 60794-2 and YD/T1258.4 • Fibre: ITU-T G.652, ITU-T G.655, ITU-T G.657			Quality ISO9001 ROHS



1=buffered fiber 2=Kevlar 3= Jacket

item		G.652	G.655	G.657				
Attenuation	@1310nm	≤0.4dB/km	/	≤0.4dB/km				
	@1550nm	≤0.3dB/km	≤0.35dB/km	≤0.3dB/km				
	@1625nm	≤0.3dB/km	≤0.4dB/km	≤0.3dB/km				
dimension	Clad. Diameter	125±0.7µm						
	Non-circularity	≤ 1 %						
	Conc.	≤0.8µm						
	Buffer Diameter	0.85±0.05mm						
stripping	Cable diameter	Normal diameter value $-0.5^{0.5}$						
	Coating stripping	1.3~8.9N						
	Buffer stripping	≤16N						
Additional att. (-20°C~60°C)		≤0.1dB/km	≤0.1dB/km	≤0.1dB/km				
Mechanical characteristics	tension	Fiber	2	4	6	8	10	12
		Long term	200N	200N	200N	200N	200N	200N
		Short term	660N	660N	660N	660N	660N	660N
	crush	long term	200N					
		Short term	1000N					
	impact	1 N.m, Additional att.≤0.05dB						
Repeating bending	20N,300 cycles, Additional att.≤0.05dB							
torsion	20 N,20 cycles, ±180°, Additional att.≤0.05dB							
Bending radius	Load	20D(cable diameter)						
	unload	10D(cable diameter)						





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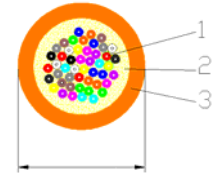
# Data sheet

## Indoor Single-mode Optical Cable >12 Cores

**RoHS**  
Compliant

Modal name: GJPFJH-16B1, GJPFJH-24B1, GJPFJH-36B1, GJPFJH-48B1, GJPFJH-72B1, GJPFJH-144B1

Core	16	24	36	48	72	144
Normal diameter (mm)	6.8	8.5	-	-	-	-
Materials:	Fiber: Corning, YOFC, Draka Kevlar: Dupont, Teijin Pwaion Buffer: PVC Jacket: PVC		Features:		Quality : ISO9001 ROHS	
			<ul style="list-style-type: none"> <li>Cable: IEC 60794-2 and YD/T1258.4</li> <li>Fibre: ITU-T G.652, ITU-T G.655, ITU-T G.657</li> </ul>			



1=buffered fiber 2=Kevlar 3= jacket

		G.652	G.655	G.657				
Attenuation	@1310nm	≤0.4dB/km	/	≤0.4dB/km				
	@1550nm	≤0.3dB/km	≤0.35dB/km	≤0.3dB/km				
	@1625nm	≤0.3dB/km	≤0.4dB/km	≤0.3dB/km				
Dimension	Clad. Diameter	125±0.7µm						
	Non-circularity	≤ 1 %						
	Conc.	≤0.8µm						
	Buffer Diameter	0.85±0.05mm						
	Cable diameter	Normal diameter value <sup>-0.5</sup>						
Stripping	Coating stripping	1.3~8.9N						
	Buffer stripping	≤16N						
Additional Attenuation (-20°C ~ 60°C)		≤0.1dB/km	≤0.1dB/km	≤0.1dB/km				
Mechanical	Tension	Fiber	16	24	36	48	72	144
		Long term	400N	400N	400N	400N	400N	400N
		Short term	1320N	1320N	1320N	1320N	1320N	1320N
	Crush	long term	200N					
		Short term	1000N					
	Impact	1 N.m, Additional att.≤0.05dB						
	Repeat Bending	20N,300 cycles, Additional att.≤0.05dB						
Torsion	20 N,20 cycles, ±180° , Additional att.≤0.05dB							
Bending Radius	Load	20D(cable diameter)						
	Unload	10D(cable diameter)						



# Aerial/ Duct cable (II)



- Outer sheath
- Aluminum tape
- Loose tube
- Optical fiber
- Filling compound
- Jelly
- Central strength member

## GYTA

### Application:

These aluminum tape armored cables are suitable for installation in aerial or duct environment for long haul communication, LAN, especially suitable for the situation of high requirements to moisture resistance.

### Features:

- Up to 432 fibers
- The loose tube stranding technology makes the fibers have good secondary excess length and allows the fibers free movement in the tube, which keeps the fiber stress-free while the cable is subjected to longitudinal stress.
- Aluminum tape armor providing property of moisture resistance.
- Metal strength member provides excellent strain performance.



### Technical data:

Fiber Num.	Outer diameter (mm)	Weight (kg/km)	Min. Bending radius (mm)		Tension (N)		Crush loading (N/100mm)	
			static	Dynamic	Short term	Long term	Short term	Long term
2-30	9.8	95	10 times O.D.	20 times O.D.	1500	600	1000	300
32-36	10.3	115						
38-60	10.7	115						
62-72	11.3	140						
74-96	12.9	175						
98-120	14.4	210						
122-144	15.8	245						
146-216	16.3	260						
218-240	19.5	345						
242-288	21.7	415						
290-432	22.1	435						



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# Data sheet

## DragonTECH Fibre Enclosure System



### YHGP-A type 504 fiber optics ODF

Model	W x H x D	Capacity
YHGP-A504	850x2000x430	504 core
YHGP-A576	850x2200x430	576 core
YHGP-A720	850x2600x430	720 core
YHGP-B1008	850x2000x800	1008 core
YHGP-B1152	850x2200x800	1152 core
YHGP-B1440	850x2600x800	1440 core

### YHGP-A type 288 Series

Model	W x H x D	Capacity
YHGP-A144	780x1000x360	144 core
YHGP-A216	780x1190x360	216 core
YHGP-A288	780x1390x360	288 core



### YHGP A72 Wall Mount Series

Model	W x H x D	Capacity
YHGP-A24	400x560x170	24 core
YHGP-A36	400x560x200	36 core
YHGP-A48	400x560x230	48 core
YHGP-A72	400x560x260	72 core





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## DragonTECH Fibre Enclosure System

### YHGPB48 Wall Mount Series

Model	W x H x D	Capacity
YHGP-B24	400x450x100	24 core
YHGP-B36	400x450x125	36 core
YHGP-B48	400x450x150	48 core



### YHGPC12 Wall Mount Connection Box

Model	W x H x D	Capacity
YHGP-C12	300x450x60	12 core

### Rack Mount Distribution Box

Model	W x H x D	Capacity
YHGP-12C	482x44x290	12-24 core
YHGP-24C	482x88x290	24-48 core



