



Shenzhen Optico Communication Co, Ltd.

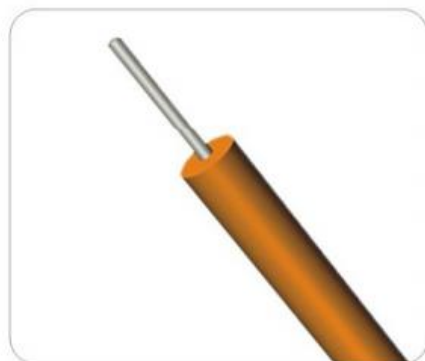
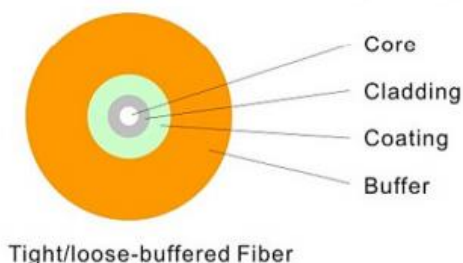
www.fiberopticom.com

Indoor Optical Fiber Cable

Optical Fiber

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, cable and devices
- Various buffer options: PVC, LSZH, Hytrel, Nylon



Geometrical Characteristic

Fiber Diameter(μm)	250	600	900
Cladding Diameter (μm)	125.0 $\pm$ 1.0		
Coating Diameter (μm)	245 $\pm$ 10 for natural color, 250 $\pm$ 15 for colored fiber		
Buffer Diameter (μm)	/	600 $\pm$ 50	900 $\pm$ 50

Mechanical Characteristic

Max Load(N) for buffered fiber	Long term	3
	Short term	6
Crush (N/100mm)	/	/
Min. Bending radius (D=fiber diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)	-20 $\sim$ +60	

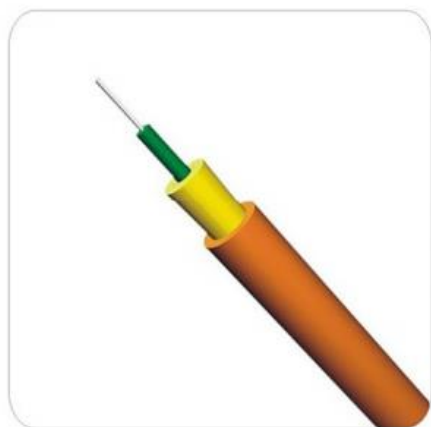
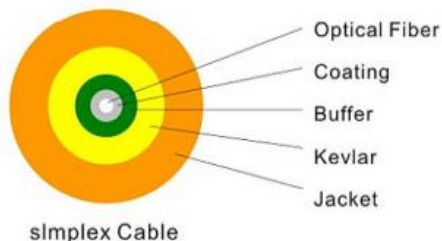
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Simplex Cable

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, and devices
- Various Jacket options: PVC, LSZH, TPU



Geometrical Characteristic

Cable Diameter (mm)	1.6	1.8	2.0	2.4	2.8	3.0
Tolerance Range (mm)	± 0.1 , or customized					
Cable Weight (kgs/km)	2.5	3.0	3.5	5.0	6.5	7.0
Fiber Diameter(mm)	0.6 or 0.9					

Mechanical Characteristic

Tensile (N)	Long term	60
	Short term	100
Crush (N/100mm)	Long term	100
	Short term	500
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-20~+60

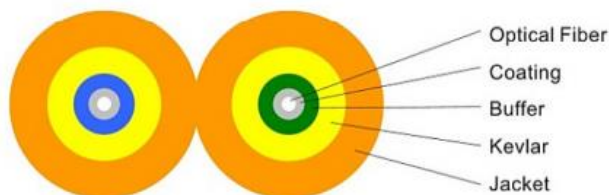
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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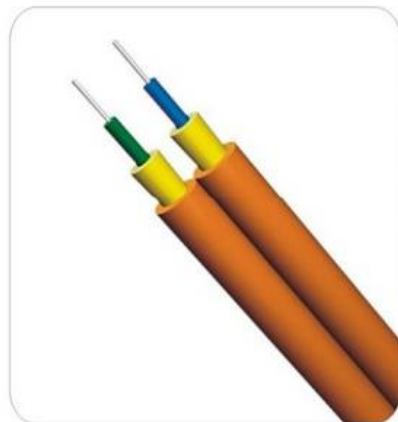
Duplex Zipcord Cable

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, cable and devices
- Various Jacket options: PVC, LSZH,



Duplex Zipcord cable



Geometrical Characteristic

Cable Diameter (mm)	1.6×3.3	1.8×3.7	2.0×4.1	2.4×4.9	2.8×5.6	3.0×6.1
Tolerance Range (mm)	±0.1, or customized					
Cable Weight (kgs/km)	5	6	7	10	13	14
Fiber Diameter(mm)	0.6 or 0.9					

Mechanical Characteristic

Tensile (N)	Long term	80
	Short term	150
Crush (N/100mm)	Long term	200
	Short term	1000
Min. Bending radius (H=Cable Height)	Dynamic	20xH
	Static	10xH
Temperature Range (°C)		-20~+60

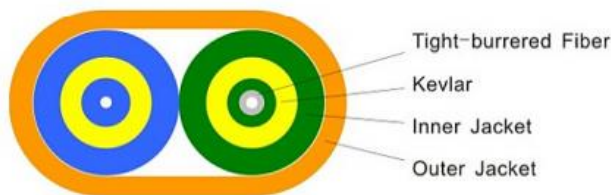
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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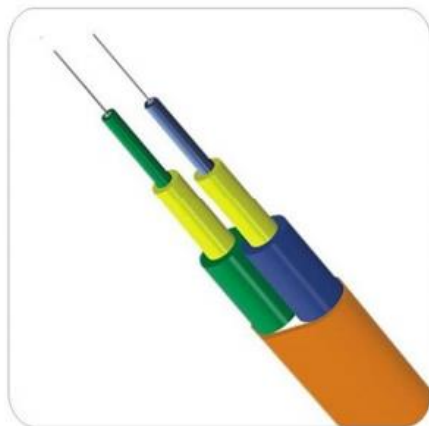
Duplex Breakout Cable

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, and devices
- Various Jacket options: PVC, LSZH,



Duplex Breakout Cable



Geometrical Characteristic

Cable Diameter (mm)	3.8×2.4	4.6×2.8	5.0×3.0	5.8×3.4	7.0×4.0
Tolerance Range (mm)	±0.1, or customized				
Cable Weight (kgs/km)	9.8	12	14.8	19.4	25.6
Fiber Diameter(mm)	0.6 or 0.9				

Mechanical Characteristic

Tensile (N)	Long term	100
	Short term	200
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (H=Cable Height)	Dynamic	20xH
	Static	10xH
Temperature Range (°C)		-20~+60

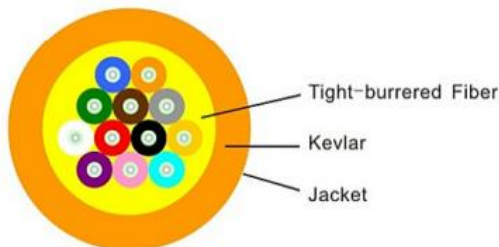
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Multi-fiber Distribution Cable

Characteristic

Multi choice for SM and MM fiber
Flexible, soft, easy to install
Applicable for Assembly, cable and devices
Various buffer options: PVC, LSZH,



Geometrical Characteristic

Fiber Count	8	12	16	24	36	48
Cable Diameter (mm)	5.5	6.5	7.5	8.2	9.0	10.5
Tolerance Range (mm)	± 0.2 , or customized					
Cable Weight (kgs/km)	26	36.5	44.5	54.5	72	90
Buffer Diameter(mm)	0.6 or 0.9					

Mechanical Characteristic

Tensile (N)	Long term	200
	Short term	660
Crush (N/100mm)	Long term	200
	Short term	1000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-20~+60

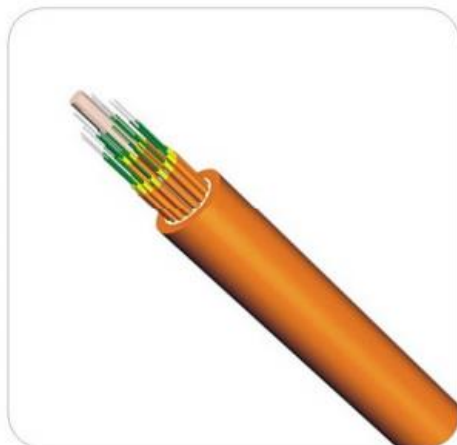
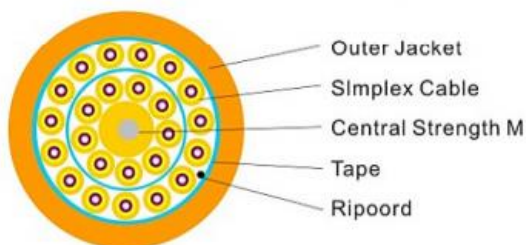
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Multi-fiber Breakout Cable

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, and devices
- Various Jacket options: PVC, LSZH,



Geometrical Characteristic

Fiber Count	8	12	16	24	36	48
Cable Diameter (mm)	10.0	12.5	12.0	15	17.5	20.0
Tolerance Range (mm)	± 0.5 , or customized					
Cable Weight (kgs/km)	91	145	120	178	200	247
Simplex Diameter(mm)	2.0					

Mechanical Characteristic

Tensile (N)	Long term	800
	Short term	2200
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-20~+60

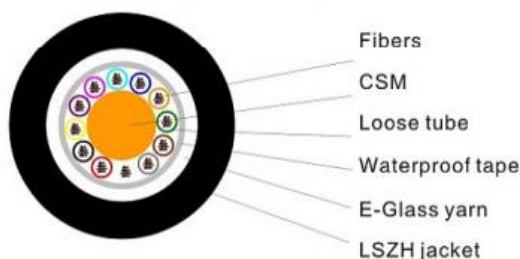
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Riser Cable I

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, cable and devices
- Various buffer options: PVC, LSZH,



Geometrical Characteristic

Fiber Count	6	8	12	16	24	36	48	72	96	144
Tube No.	1	2	3	4	6	3	4	6	8	12
Fiber No./Tube	6	4	4	4	4	12	12	12	12	12
Cable Diameter (mm)	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	10.5	13.5
Tolerance Range (mm)	± 0.5, or customized									
Cable Weight (kgs/km)	85	85	85	85	85	86	86	87	105	175

Mechanical Characteristic

Tensile (N)	Long term	200
	Short term	660
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-20~+60

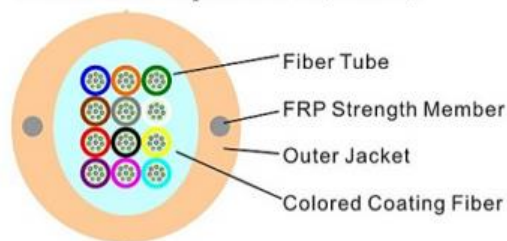
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Riser Cable II

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, and devices
- Various Jacket options: PVC, LSZH,



Geometrical Characteristic

Fiber Count	12	24	24	48	48	72	96	144
Tube No.	1	2	4	4	6	6	8	12
Fiber No./Tube	12	12	6	12	8	12	12	12
Cable Diameter (mm)	8.5	8.5	8.5	8.5	8.5	8.5	10.5	10.5
Tolerance Range (mm)	± 0.5 , or customized							
Cable Weight (kgs/km)	59	61	63	64	66	68	88	95

Mechanical Characteristic

Tensile (N)	Long term	250
	Short term	500
Crush (N/100mm)	Long term	500
	Short term	1000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-20~+60

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Outdoor Optical Fiber Cable

GYTA

Recommended Laying Methods:

Aerial, Duct

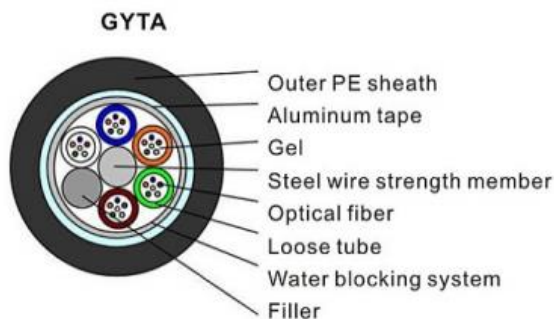
Application Fields:

LAN, and long distance cabling

Moisture-proof and Rodent-proof

Characteristic

Excellent moisture proof performance



Geometrical Characteristic

Fiber Count	2-36	38-60	62-72	74-96	98-120	122-216
Cable Diameter (mm)	8.5	10.0	11.0	12.0	14.5	16.5
Tolerance Range (mm)	± 0.5 , or customized					
Cable Weight (kgs/km)	120	140	165	200	240	290

Mechanical Characteristic

Tensile (N)	Long term	600
	Short term	1500
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-40~+70

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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GYTY53

Recommended Laying Methods:

Directly-burial

Application Fields:

LAN, and long distance cabling

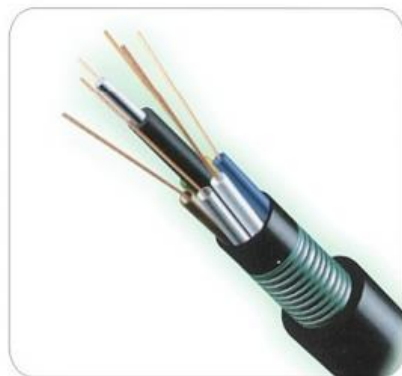
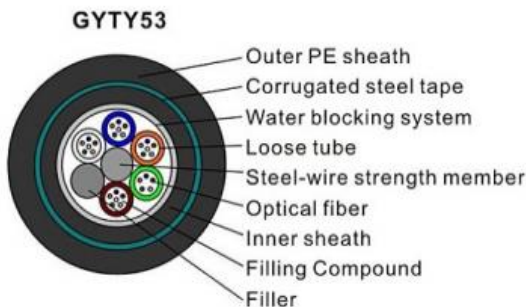
High durable product and rodent-proof

Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength

Rodent-proof



Geometrical Characteristic

Fiber Count	2-36	38-60	62-72	74-96	98-120	122-216
Cable Diameter (mm)	12.0	12.0	14.0	16.0	17.5	18.5
Tolerance Range (mm)	±0.5, or customized					
Cable Weight (kgs/km)	180	200	230	320	365	380

Mechanical Characteristic

Tensile (N)	Long term	1000
	Short term	3000
Crush (N/100mm)	Long term	1000
	Short term	3000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (C)		-40~+70

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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GYTA53

Recommended Laying Methods:

Direct-burial

Application Fields:

LAN, and long distance cabling

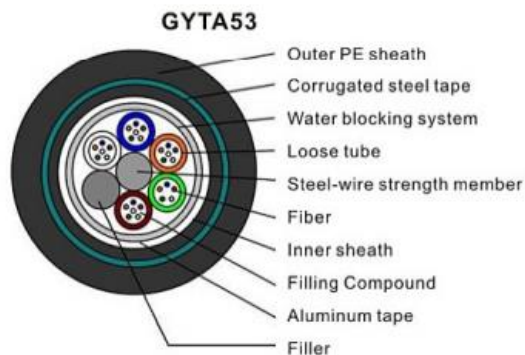
Moisture-proof and Rodent-proof

Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength

Rodent-proof



Geometrical Characteristic

Fiber Count	2-36	38-60	62-72	74-96	98-120	122-216
Cable Diameter (mm)	12.5	12.5	14.5	16.5	17.5	19.0
Tolerance Range (mm)	±0.5, or customized					
Cable Weight (kgs/km)	200	220	255	300	350	400

Mechanical Characteristic

Tensile (N)	Long term	1000
	Short term	3000
Crush (N/100mm)	Long term	1000
	Short term	3000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-40 ~ +70

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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GYFTY

Recommended Laying Methods:

Aerial

Application Fields:

LAN, and long distance cabling

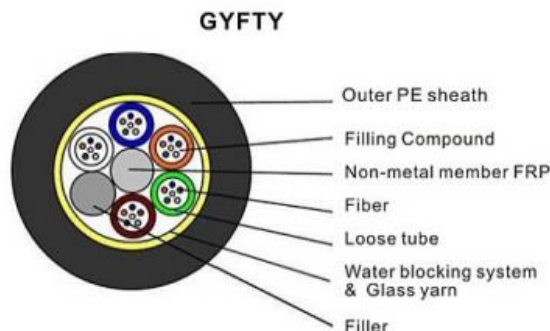
Power transmission system

Characteristic

Non-metallic,

Anti-electromagnetism

Anti-thunder, anti-static electricity



Geometrical Characteristic

Fiber Count	2-36	38-60	62-72	74-96	98-120	122-216
Cable Diameter (mm)	8.0	9.0	10.0	11.0	12.5	14.5
Tolerance Range (mm)	±0.5, or customized					
Cable Weight (kgs/km)	90	105	115	150	190	230

Mechanical Characteristic

Tensile (N)	Long term	600
	Short term	1500
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-40~+70

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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GYTC8S 1x7-3.0

Recommended Laying Methods:

Self-support aerial

Application Fields:

LAN, and long distance cabling

FTTH project backbone cabling

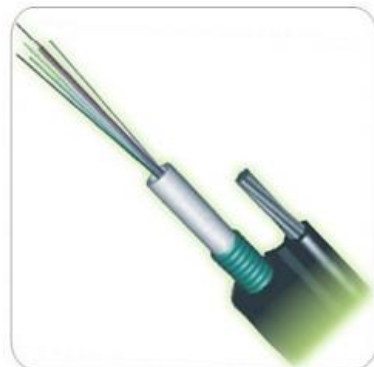
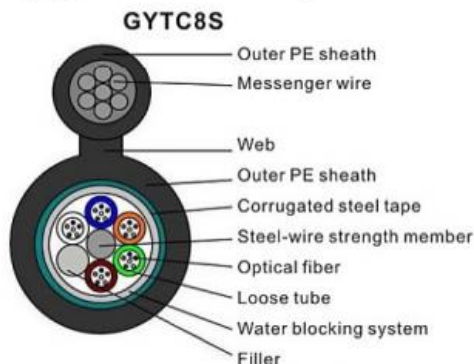
Characteristic

Long span distance

Multi-fiber to data transmission

Water proof, high anti-crush strength

High tensile, good for installation



Geometrical Characteristic

Fiber Count	2-24	26-36	38-60
Cable Diameter (mm)	8.5x15.5	10.0x17.0	10.0x17.0
Tolerance Range (mm)			
Cable Weight (kgs/km)	190	200	235

Mechanical Characteristic

Allowed tension (N)	4950	
Safe tension (N)	2500	
Min. broken tension (N)	7990	
Crush (N/100mm)	Long term	1000
	Short term	2000
Min. Bending radius (D=Cable diameter)	Dynamic	20xH
	Static	10xH
Temperature Range (°C)	-40~+70	

Fiber Type

Fiber Type	SM9/125,MM50/125,MM62.5/125,OM3,OM4
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GYTC8S 1x7-3.6

Recommended Laying Methods:

Self-support aerial

Application Fields:

LAN, and long distance cabling

FTTH project backbone cabling

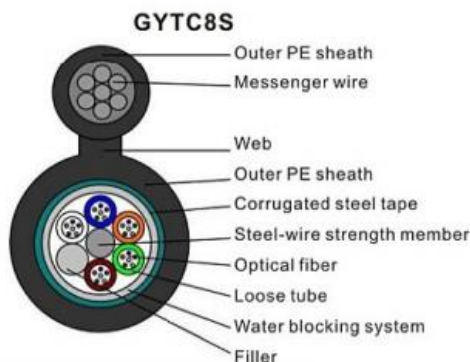
Characteristic

Long span distance

Multi-fiber to data transmission

Water proof, high anti-crush strength

High tensile, good for installation



Geometrical Characteristic

Fiber Count	2-24	26-36	38-60	62-72	74-96
Cable Diameter (mm)	8.5x16.1	10.0x17.6	10.0x17.6	11.0x18.6	12.0x19.6
Tolerance Range (mm)	±0.5, or customized				
Cable Weight (kgs/km)	200	210	220	245	270

Mechanical Characteristic

Allowed tension (N)	7100	
Safe tension (N)	3500	
Min. broken tension (N)	10710	
Crush (N/100mm)	Long term	1000
	Short term	2000
Min. Bending radius (D=Cable diameter)	Dynamic	20xH
	Static	10xH
Temperature Range (°C)	-40~+70	

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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GYTC8S 1x7-4.2

Recommended Laying Methods:

Self-support aerial

Application Fields:

LAN, and long distance cabling

FTTH project backbone cabling

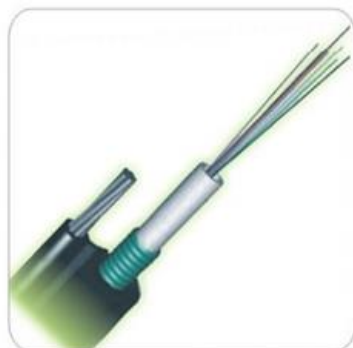
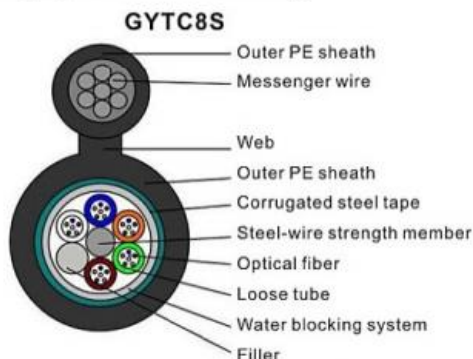
Characteristic

Long span distance

Multi-fiber to data transmission

Water proof, high anti-crush strength

High tensile, good for installation



Geometrical Characteristic

Fiber Count	2-30	32-36	38-60	62-72	74-96
Cable Diameter (mm)	8.5x16.7	10.0x18.2	10.0x18.2	11.0x19.2	12.0x20.2
Tolerance Range (mm)	±0.5, or customized				
Cable Weight (kgs/km)	210	230	240	255	290

Mechanical Characteristic

Allowed tension (N)	9700	
Safe tension (N)	4800	
Min. broken tension (N)	15550	
Crush (N/100mm)	Long term	1000
	Short term	2000
Min. Bending radius (D=Cable diameter)	Dynamic	20xH
	Static	10xH
Temperature Range (°C)	-40~+70	

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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GYXTC8S

Recommended Laying Methods:

Self-support aerial

Application Fields:

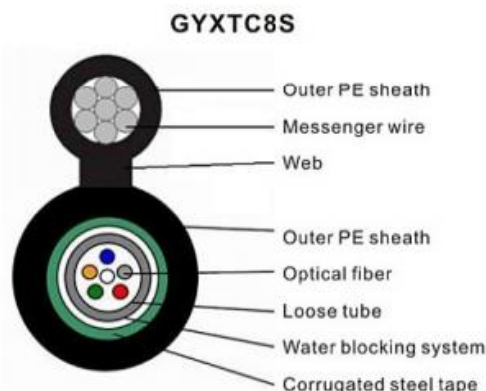
LAN, and long distance cabling

Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength

Rodent-proof



Geometrical Characteristic

Fiber Count	2-12
Cable Diameter (mm)	7.5x12.9
Tolerance Range (mm)	±0.2, or customized
Cable Weight (kgs/km)	135

Mechanical Characteristic

Tensile (N)	Long term	1000
	Short term	3000
Crush (N/100mm)	Long term	1000
	Short term	2000
Min. Bending radius (D=Cable diameter)	Dynamic	20xH
	Static	10xH
Temperature Range (°C)		-40~+70

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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ADSS

Recommended Laying Methods:

Self-support aerial

Application Fields:

LAN, and long distance cabling

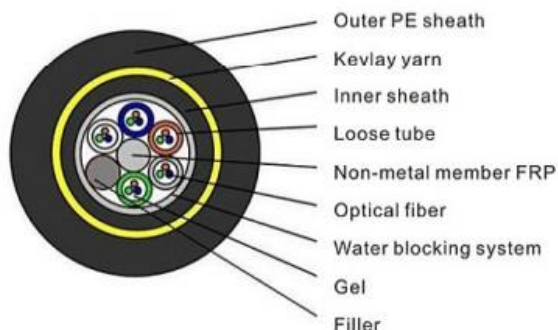
Characteristic

Loose tube, Non-metallic,

High tensile strength

Long work time at electric field below 25KV/m

ADSS



Geometrical Characteristic

Fiber Count	24	24
Cable Diameter (mm)	12	12
Tolerance Range (mm)	± 0.5 , or customized	
Cable Weight (kgs/km)	200	185

Mechanical Characteristic

Span (M)	Windspeed10m/s	800
	Windspeed35m/s	800
Linear Expanding Coefficient (1/k)	Windspeed10m/s	0.02x10
	Windspeed35m/s	0.11x10
Safely running strain (N)	Windspeed10m/s	29680
	Windspeed35m/s	19600
Temperature Range (°C)		-40~+70

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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GYXTW

Recommended Laying Methods:

Aerial

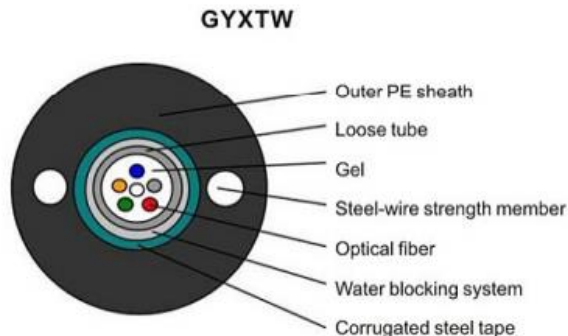
Application Fields:

LAN, and long distance cabling

Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength



Geometrical Characteristic

Fiber Count	2-24
Cable Diameter (mm)	7.5~8.0
Tolerance Range (mm)	±0.5, or customized
Cable Weight (kgs/km)	80

Mechanical Characteristic

Tensile (N)	Long term	600
	Short term	1500
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-40~+70

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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GYTS

Recommended Laying Methods:

Aerial, Duct

Application Fields:

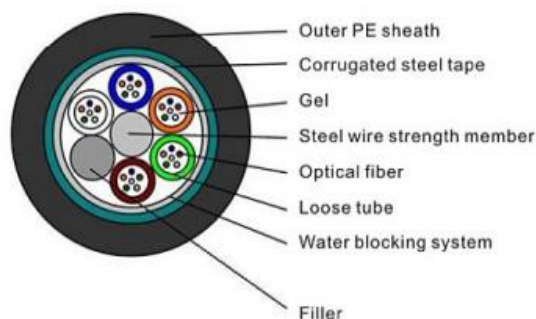
LAN, and long distance cabling

Characteristic

Strong water-resistance Performance

High anti-crush and tensile strength

GYTS



Geometrical Characteristic

Fiber Count	2-32	38-60	62-72	74-96	98-120	122-216
Cable Diameter (mm)	8.5	10.0	11.0	12.0	14.5	16.5
Tolerance Range (mm)	±0.5, or customized					
Cable Weight (kgs/km)	120	140	165	200	240	290

Mechanical Characteristic

Tensile (N)	Long term	600
	Short term	1500
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)		-20~+60

Fiber Type

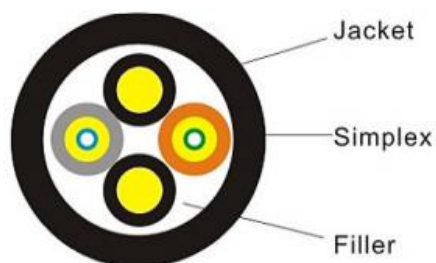
Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Base Station Fiber Optic Cable

Base Station Cable-2 core

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, Base station
- Jacket material: LSZH



Geometrical Characteristic

Fiber Count	Cable Diameter (mm)	Tolerance Range (mm)	Cable Weight (kgs/km)	Buffer Diameter (mm)
2	7.0	±0.2 , or customized	42	0.9

Mechanical Characteristic

Tensile (N)	Long term	200
	Short term	400
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (D=Cable diameter)	Long term	20xD
	Short term	10xD
Temperature Range (°C)		-20~+60

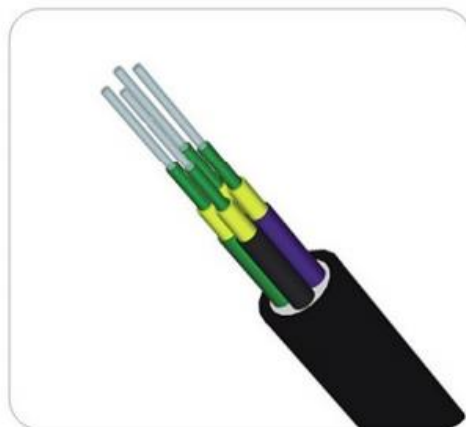
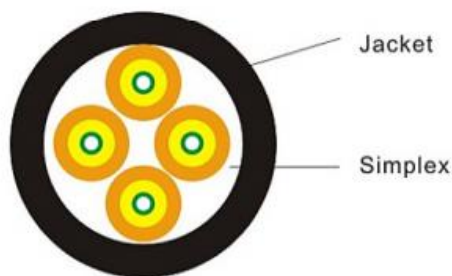
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Base Station Cable-4 core

Characteristic

- Multi choice for SM and MM fiber
- Flexible, sft, easy to install
- Applicable for Assembly, Base station
- Jacket material: LSZH



Geometrical Characteristic

Fiber Count	Cable Diameter (mm)	Tolerance Range (mm)	Cable Weight (kgs/km)	Buffer Diameter (mm)
4	7.0	±0.2, or customized	45	0.9

Mechanical Characteristic

Tensile (N)	Long term	200
	Short term	400
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (D=Cable diameter)	Long term	20xD
	Short term	10xD
Temperature Range (°C)		-20~+60

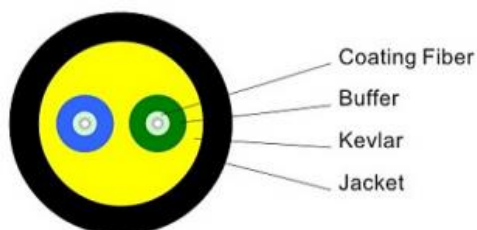
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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FTTA Cable I

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, Base station
- Good Mechanical and environmental performant
- UV protect jacket material: LSZH



FTTA Cable I



Geometrical Characteristic

Fiber Count	Cable Diameter (mm)	Tolerance Range (mm)	Cable Weight (kgs/km)	Buffer Diameter (mm)
2	4.8	±0.2, or customized	19	0.9

Mechanical Characteristic

Tensile (N)	Long term	200
	Short term	400
Crush (N/100mm)	Long term	1000
	Short term	3000
Min. Bending radius (D=Cable diameter)	Long term	20xD
	Short term	10xD
Temperature Range (°C)		-40~+90

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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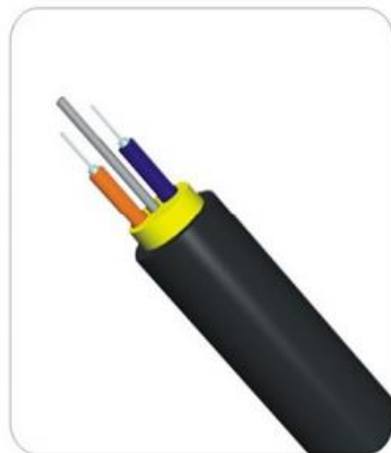
FTTA Cable II

Characteristic

- Multi choice for SM and MM fiber
- Flexible, soft, easy to install
- Applicable for Assembly, Base station
- Good Mechanical and environmental performant
- UV protect jacket material: LSZH



FTTA Cable II



Geometrical Characteristic

Fiber Count	Cable Diameter (mm)	Tolerance Range (mm)	Cable Weight (kgs/km)	Buffer Diameter (mm)
2	5.5	±0.2, or customized	25	0.9

Mechanical Characteristic

Tensile (N)	Long term	200
	Short term	400
Crush (N/100mm)	Long term	300
	Short term	1000
Min. Bending radius (D=Cable diameter)	Long term	20xD
	Short term	10xD
Temperature Range (°C)		-40~+80

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Data Center Optical Fiber Cable

Fiber-Ribbon

Characteristic

- Multi choice for SM and MM fiber
- Flexible, easy strip, easy to install
- Applicable for Assembly, cable and devices
- Various jacket options: PVC, LSZH,



Geometrical Characteristic

Fiber Count	2	4	6	8	10	12
Width(w)(mm)	≤ 0.7	≤ 1.22	≤ 1.77	≤ 2.3	≤ 2.85	≤ 3.4
Thickness(t)(mm)	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4	≤ 0.4
Horizontal Space Between Adjacent Fibers(d)(mm)	≤ 0.28	≤ 0.28	≤ 0.28	≤ 0.3	≤ 0.3	≤ 0.3
Horizontal Space Between End Fibers(b)(mm)	≤ 0.28	≤ 0.835	≤ 1.385	≤ 1.92	≤ 2.45	≤ 2.95
Planarity(p)(μm)	-	≤ 35	≤ 35	≤ 35	≤ 35	≤ 35

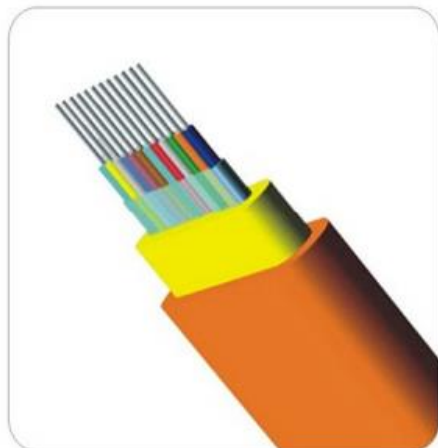
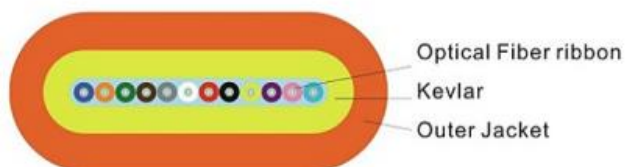
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Fiber-Ribbon Cable

Characteristic

- Multi choice for SM and MM fiber
- Flexible, easy strip, easy to install
- Applicable for Assembly, cable and
- Various jacket options: PVC, LSZH,



Geometrical

Fiber Count	4	6	8	12
Cable Diameter (mm)	2.5×3.5	2.5×4.0	2.5×4.5	2.5×5.0
Tolerance Range (mm)	±0.2, or customized			
Cable Weight (kgs/km)	7.2	8.2	9.0	10

Mechanical Characteristic

Tensile	Long term	80
(N)	Short term	200
Crush	Long term	200
(N/100mm)	Short term	500
Min. Bending radius	Long term	20xH
(H=Cable Height)	Short term	10xH
Temperature Range (°C)	-20~+60	

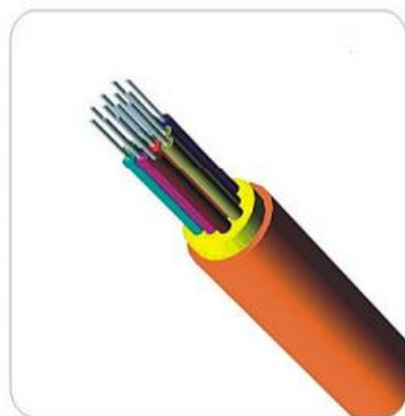
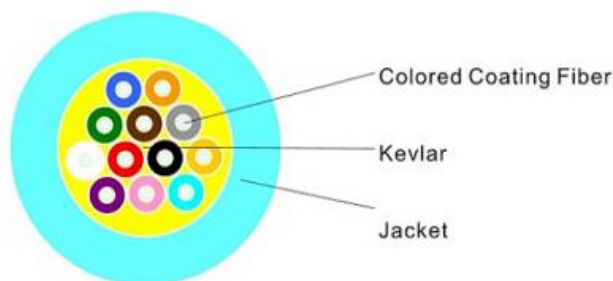
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
------------	---

Mini-core Cable 1-24F

Characteristic

- Multi choice for SM and MM fiber
- Small size, light weight, easy to install
- Applicable for Assembly, datacenter
- Various Jacket options: PVC, LSZH,



Geometrical

Fiber Count	2	4	6	8	12	24
Cable Diameter (mm)	2.0	2.0	2.0	2.4	3.0	3.5
Tolerance Range (mm)	±0.1, or customized					
Cable Weight (kgs/km)	3.5	3.6	3.7	3.9	7.0	8.0

Mechanical Characteristic

Tensile (N)	Long term	40
	Short term	80
Crush (N/100mm)	Long term	50
	Short term	100
Min. Bending radius (D=Cable diameter)	Long term	20xD
	Short term	10xD
Temperature Range (°C)		-20~+60

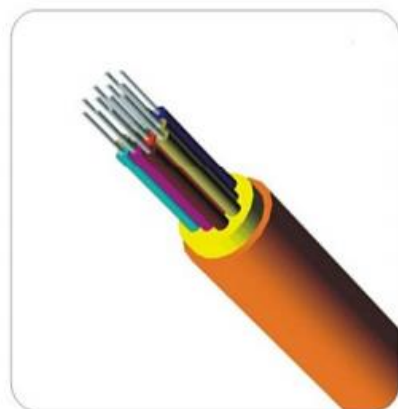
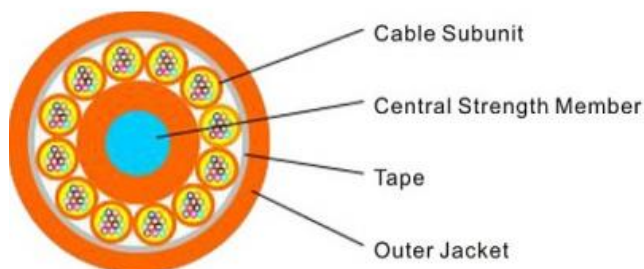
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Mini-core Cable 48-144F

Characteristic

- Multi choice for SM and MM fiber
- Small size, light weight, easy to install
- Applicable for Assembly, datacenter
- Various Jacket options: PVC LSZH



Geometrical Characteristic

Fiber Count	48	72	96	144
Cable Diameter (mm)	10.5	12.5	14.5	17.5
Tolerance Range (mm)	±0.5 or customized			
Cable Weight (kgs/km)	90	145	200	315

Mechanical Characteristic

Tensile (N)	Long term	200
	Short term	400
Crush (N/100mm)	Long term	200
	Short term	1000
Min. Bending radius (D=Cable diameter)	Long term	20xD
	Short term	10xD
Temperature Range (°C)		-20~+60

Fiber Type

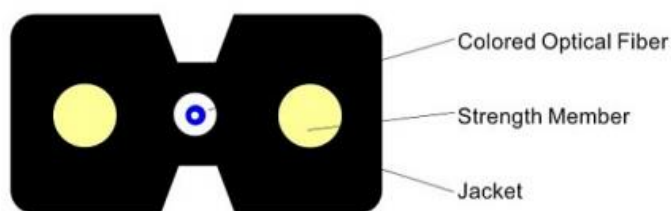
Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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FTTx Cable

FTTH Indoor Drop Cable

Characteristic

- Small size, light weight, easy strip
- Flexible, easy bend, well for install
- Excellent Crush and tensile resistance,
- Jacket material: LSZH



Geometrical Characteristic

Fiber Count	1	2	4
Cable Diameter (mm)	3.0×2.0		3.1×2.0
Tolerance Range (mm)	±0.1, or customized		
Cable Weight (kgs/km)	9.0		

Mechanical Characteristic

Tensile (N)	Long term	40
	Short term	80
Crush (N/100mm)	Long term	500
	Short term	1000
Min. Bending radius (H=Cable Height)	Long term	20xH
	Short term	10xH
Temperature Range (°C)		-40~+60

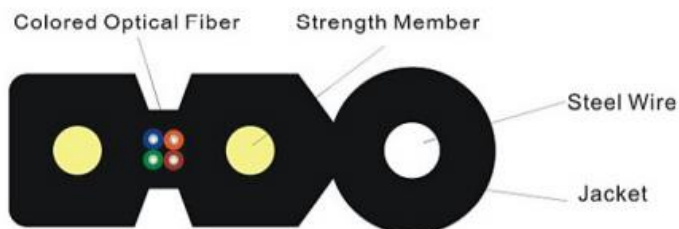
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
------------	---

FTTH Outdoor Drop Cable

Characteristic

- Small size, light weight, easy strip
- Flexible, easy bend, well for install
- Excellent Crush and tensile resistance,
- Jacket material: LSZH



Geometrical Characteristic

Fiber Count	1	2	4
Cable Diameter (mm)	5.2×2.0		5.3×2.0
Tolerance Range (mm)	±0.1, or customized		
Cable Weight (kgs/km)	18	18	18

Mechanical Characteristic

Tensile (N)	Long term	300
	Short term	660
Crush (N/100mm)	Long term	1000
	Short term	2200
Min. Bending radius (H=Cable Height)	Long term	20xH
	Short term	10xH
Temperature Range (°C)		-40~+60

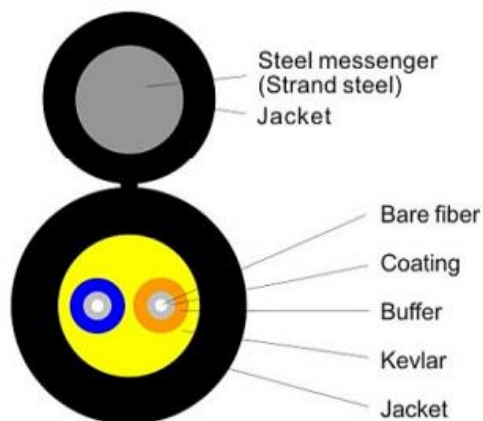
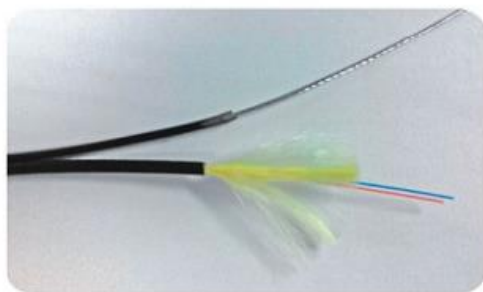
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Fig.8 Arial Cable

Characteristic

- Small size, light weight, easy strip
- Flexible, easy bend, well for install
- Excellent Crush and tensile resistance,
- Jacket material: LSZH



Geometrical Characteristic

Fiber Count	1	2
Cable Diameter (mm)	6.4 x 3.5	
Tolerance Range (mm)	±0.2, or customized	
Strand Steel wire Diameter (mm)	1.2	
Cable Weight (kgs/km)	20	

Mechanical Characteristic

Tensile (N)	Long term	300
	Short term	600
Crush (N/100mm)	Long term	1000
	Short term	2200
Min. Bending radius (H=Cable Height)	Long term	20xH
	Short term	10xH
Temperature Range (°C)		-20~+60

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Fig.8 Arial Cable -GYTC8S

Recommended Laying Methods:

Self-support aerial

Application Fields:

LAN, and long distance cabling

FTTH project backbone cabling

Characteristic

Long span distance

Multi-fiber to data transmission

Water proof, high anti-crush strength

High tensile, good for installation



Geometrical Characteristic

Fiber Count	2-24	26-36	38-60
Cable Diameter (mm)	8.5x15.5	10.0x17.0	10.0x17.0
Tolerance Range (mm)			
Cable Weight (kgs/km)	190	200	235

Mechanical Characteristic

Allowed tension (N)	4950	
Safe tension (N)	2500	
Min. broken tension (N)	7990	
Crush (N/100mm)	Long term	1000
	Short term	2000
Min. Bending radius (D=Cable diameter)	Dynamic	20xH
	Static	10xH
Temperature Range (°C)	-40~+70	

Fiber Type

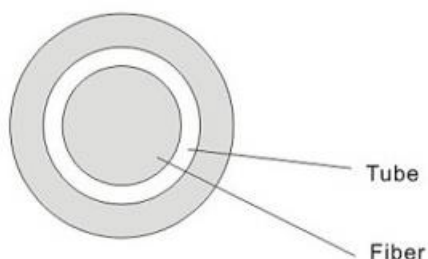
Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Armored Optical Fiber Cable

Armored Fiber Tube

Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength



Geometrical Characteristic

Fiber Diameter(μm)	250	600	900
Cladding Diameter (μm)	125.0 $\pm$ 1.0		
Coating Diameter (μm)	245 $\pm$ 10 for natural color, 250 $\pm$ 15 for colored fiber		
Buffer Diameter (μm)	/	600 $\pm$ 50	900 $\pm$ 50
Stainless Steel Tube Diameter (mm)	0.6	0.9	1.5

Mechanical Characteristic

Crush (Max. N/100mm)	2000	
Min. Bending radius (D=fiber diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)	-20~+60	

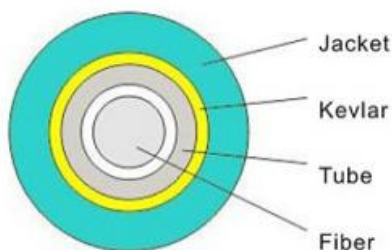
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Armored Simplex Cable

Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength
- Various Jacket options: PVC, LSZH, TPU



Geometrical Characteristic

Cable Diameter (mm)	1.6	1.8	2.0	2.4	2.8	3.0
Tolerance Range (mm)	± 0.1 , or customized					
Fiber Diameter (mm)	0.25	0.5	0.5	0.5	0.5	0.9
Armored tube Diameter (mm)	0.6	0.9	0.9	0.9	0.9	1.5
Cable Weight (kgs/km)	3.8	4.8	6.5	7.0	10.5	11.0

Mechanical Characteristic

Tensile (N)	Long term	100
	Short term	200
Crush (Max. N/100mm)	2000	
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)	-20~+60	

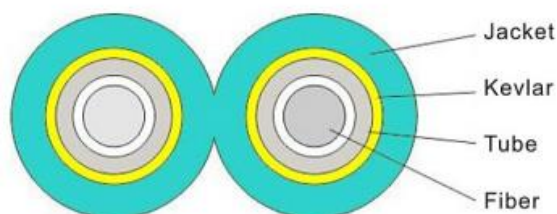
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Armored Zipcord Cable

Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength
- Various Jacket options: PVC, LSZH, TPU



Geometrical Characteristic

Cable Diameter (mm)	1.8x3.7	2.0x4.1	2.4x4.9	2.8x5.7	3.0x6.1
Tolerance Range (mm)	±0.1, or customized				
Fiber Diameter (mm)	0.5	0.5	0.5	0.5	0.9
Armored tube Diameter (mm)	0.9	0.9	0.9	0.9	1.5
Cable Weight (kgs/km)	9.6	13.0	14.0	21	22

Mechanical Characteristic

Tensile (N)	Long term	200
	Short term	400
Crush (Max. N/100mm)	4000	
Min. Bending radius (D=fiber diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)	-20~+60	

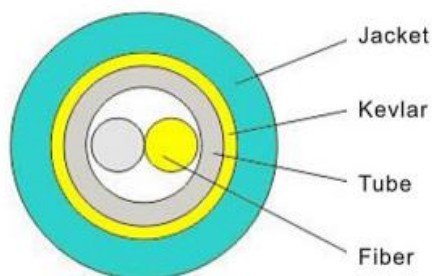
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Duplex Armored Cable

Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength
- Various Jacket options: PVC, LSZH, TPU



Geometrical Characteristic

Cable Diameter (mm)	3.0	3.5	4.8
Tolerance Range (mm)	± 0.1 , or customized		
Fiber Diameter (mm)	0.5	0.5	0.9
Armored tube Diameter (mm)	1.8	1.8	2.5
Cable Weight (kgs/km)	17	18.5	27

Mechanical Characteristic

Tensile (N)	Long term	300
	Short term	600
Crush (Max. N/100mm)	3000	
Min. Bending radius (D=Cable diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)	-20~+60	

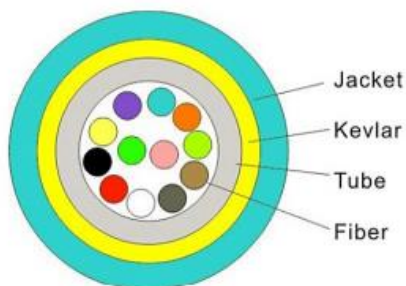
Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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Multi-fiber Armored Cable

Characteristic

- Flexible, easy to install
- Multi choice for SM and MM fiber
- Good protect for fiber data transmission
- Anti-rodent, high tensile and crush strength
- Various Jacket options: PVC, LSZH, TPU



Geometrical Characteristic

Fiber Count	4	6	8	12	24
Cable Diameter (mm)	4.2	4.5	5.0	5.5	7.0
Tolerance Range (mm)	±0.2, or customized				
Cable Weight (kgs/km)	25	28	32	38	54
Buffer Diameter(mm)					

Mechanical Characteristic

Tensile (N)	Long term	400
	Short term	800
Crush (Max. N/100mm)	3000	
Min. Bending radius (D=fiber diameter)	Dynamic	20xD
	Static	10xD
Temperature Range (°C)	-20~+60	

Fiber Type

Fiber Type	SM9/125, MM50/125, MM62.5/125, OM3, OM4
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