

FIBRA ÓPTICA



BY FIBER SYSTEM

PRODUCT MANUAL



BY FIBER SYSTEM

FIBRA DROP



GJYXCH 1-4 Core FTTH Drop Cable

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G652D	SM G657A1	SM G657A2	MM 50/125	MM 62.5/125
Waveband	nm	1310/1550	1310/1550	1310/1550	850/1300	850/1300
Attenuation	dB/km	0.4/0.3	0.4/0.3	0.4/0.3	3.0/1.0	3.0/1.0

PRODUCT PARAMETERS

Performance	Long-term		Short-term	
Max. Tension (N)	300		600	
Max. Crushing Resistance(N/100mm)	1000		2000	
Min. Bending Radius	B1.1&b1.3	60mm (Dynamic)	B1.1&b1.3	30mm(Static)
	B6A	40mm (Dynamic)	B6A	20mm(Static)
Storage and operating temperature	-20°C — + 60°C			

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION



APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similaras much as possible. Other lengths can be agreed upon through consultation

GJYXCH 6 - 8 Core FTTH Drop Cable

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION



PARAMETERS OF FIBER

Optical fiber type	Unit	SM G657A2
Waveband	nm	1310/1550
Attenuation	dB/km	0.32/0.20

APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation.
4. Report certificate: It includes optical cable inspection number, optical cable type, core number, optical fiber type, length, etc

PRODUCT PARAMETERS

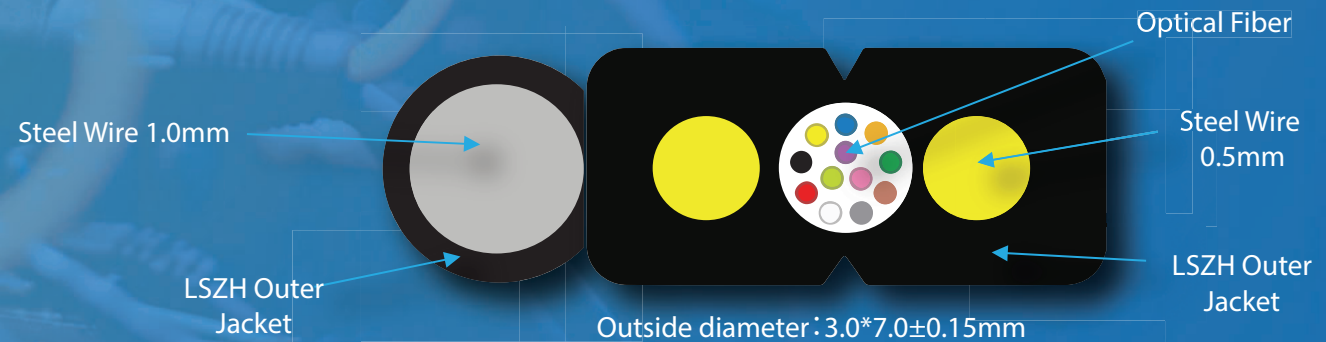
Performance	Long – Term	Short - Term
Max. Tension (N)	300	600
Max. Crushing Resistance (N/100mm)	1000	2000
Min. Bending Radius	20D (Static)	40d (Dynamic)
Storage and Operating Temperature	-20°C — + 60°C	

GJYXCH 12 Core FTTH Drop Cable

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G657A2
Waveband	nm	1310/1550
Attenuation	dB/km	0.32/0.20

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION



PRODUCT PARAMETERS

Performance	Long – Term	Short - Term
Max. Tension (N)	300	600
Max. Crushing Resistance (N/100mm)	1000	2000
Min. Bending Radius	20D (Static)	40d (Dynamic)
Storage and Operating Temperature	-20°C— + 60°C	

APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation.
4. Report certificate: It includes optical cable inspection number, optical cable type, core number, optical fiber type, length, etc

GJYXCH 12 Core FTTH Drop Cable (Reinforced)

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION



PARAMETERS OF FIBER

Optical fiber type	Unit	SM G657A2
Waveband	nm	1310/1550
Attenuation	dB/km	0.32/0.20

APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation.
4. Report certificate: It includes optical cable inspection number, optical cable type, core number, optical fiber type, length, etc

PRODUCT PARAMETERS

Performance	Long – Term	Short - Term
Max. Tension (N)	600	1000
Max. Crushing Resistance (N/100mm)	300	1000
Min. Bending Radius	20D (Static)	40d (Dynamic)
Storage and Operating Temperature	-20°C — +60°C	

FIBRA ADSS

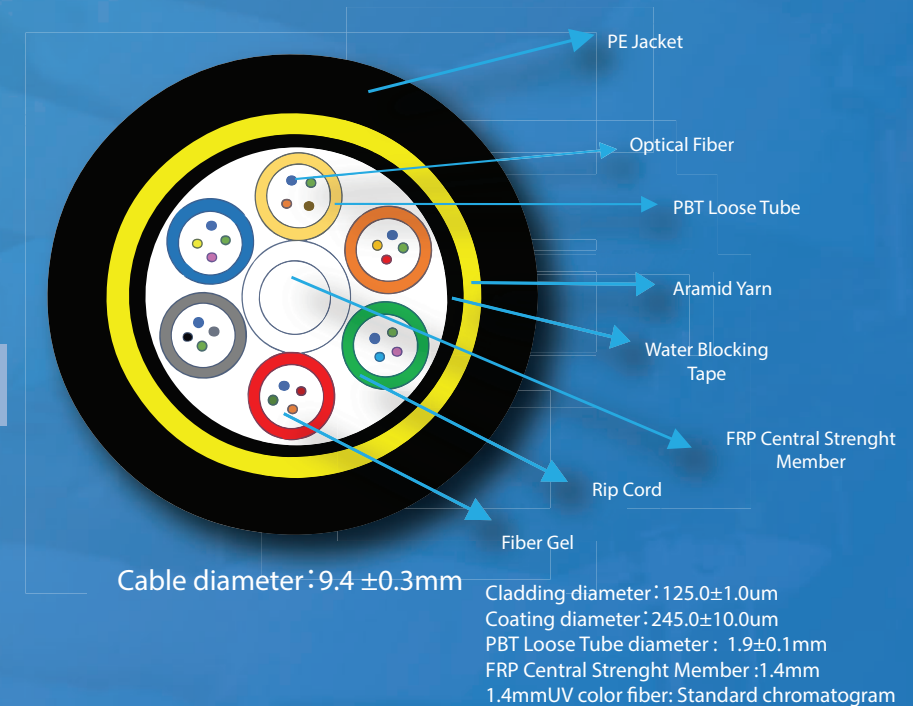


ADSS 2-60 Core Outdoor Optical Cable

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G652	SM G652D	MM 50/125	MM 62.5/125	MM OM3-300
Waveband	nm	1310/ 1550	1310/1 550	850/130 0	850/130 0	850/130 0
Attenuation	dB/ km	0.35/ 0.21	0.35/0. 21	3.0/1.0	3.0/1.0	3.0/1.0



APPEARANCE AND PACKAGING

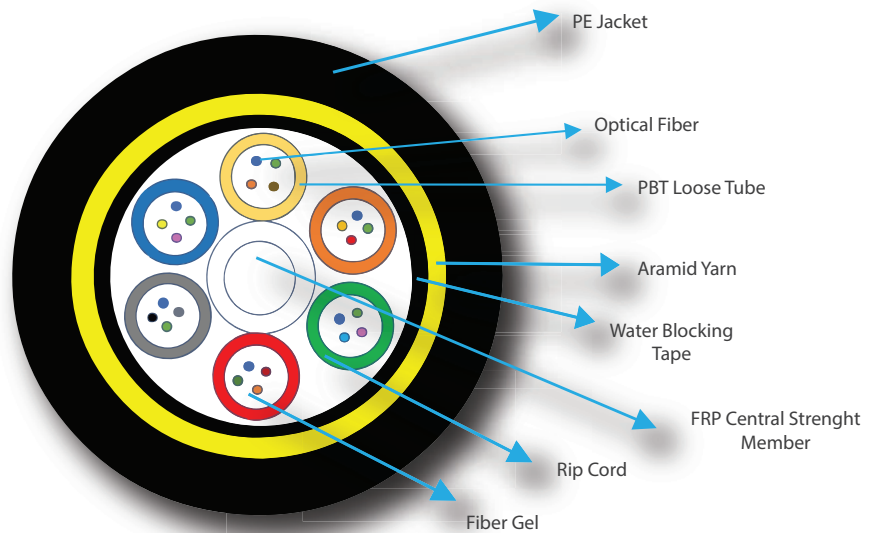
1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation

PRODUCT PARAMETERS

Span (m)	100
Storage and operating temperature	-30°C — +70°C
Min. Bending Radius	20D(Dynamic) 10D(Static)

ADSS 5-48 Core Outdoor Optical Cable

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION



Cable diameter: 10.3±0.3mm
 Cladding diameter: 125.0±1.0um
 Coating diameter: 245.0±10.0um
 PBT Loose Tube diameter: 1.9±0.1mm
 FRP Central Strength Member: 1.4mm
 1.4mmUV color fiber: Standard chromatogram

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G652	SM G652D	MM 50/125	MM 62.5/125	MM OM3-300
Waveband	nm	1310/1550	1310/1550	850/1300	850/1300	850/1300
Attenuation	dB/km	0.35/0.21	0.35/0.21	3.0/1.0	3.0/1.0	3.0/1.0

APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation

PRODUCT PARAMETERS

Span (m)	200
Storage and operating temperature	-20°C — +70°C
Min. Bending Radius	30D(Dynamic) 15D(Static)

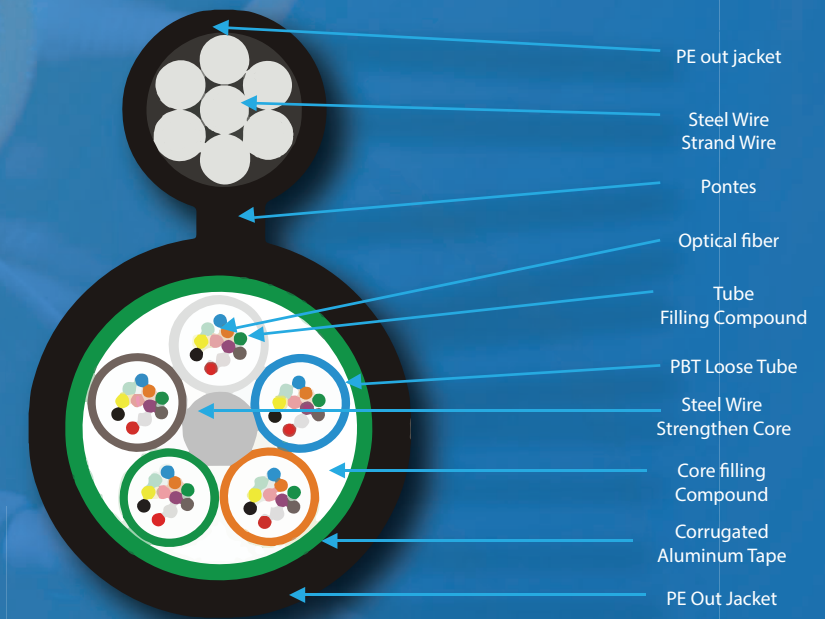
FIBRA GYTC 8A



GYTC8A 2-6

Outdoor Optical Cable

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION



Outside diameter: 9.5×16.5±0.3mm

Coated outside diameter: 125.0±0.1um
Optical fiber diameter: 242±7um
UV color fiber: Standard chromatogram

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G652	SM G652D	MM 50/125	MM 62.5/125	MM OM3-300
Waveband	nm	1310/1550	1310/1550 0	850/1300	850/1300	850/1300 0
Attenuation	dB/km	0.36/0.23	0.36/0.23	3.0/1.0	3.0/1.0	3.0/1.0

APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation

PRODUCT PARAMETERS

Performance	Long-term	Short-term
Max. Tension (N)	2000	4500
Max. Crushing Resistance(N/100mm ²)	300	1000
Min. Bending Radius	30D	15D
Storage and operating temperature	-40°C — +70°C	

FIBRA GYFS

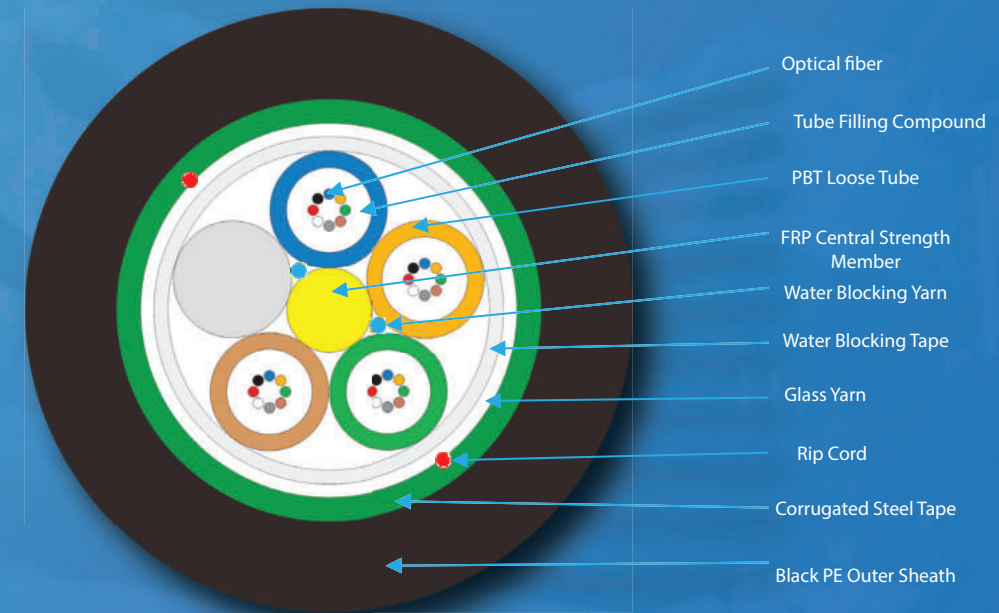


GYFS 32 Core Outdoor Optical Cable

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G652B	SM G652D	MM 50/125	MM 62.5/125	MM OM3-300
Waveband	nm	1310/1550	1310/1550	850/1300	850/1300	850/1300
Attenuation	dB/km	0.36/0.23	0.36/0.23	3.0/1.0	3.0/1.0	3.0/1.0



Cable diameter: 10.8±0.3mm

Cladding diameter: 125.0±1.0um
 Coating diameter: 245.0±10.0um
 PBT Loose Tube diameter: 1.9±0.1mm
 FRP Central Strength Member: 1.4±0.1mm
 UV color fiber: Standard chromatogram

APPEARANCE AND PACKAGING

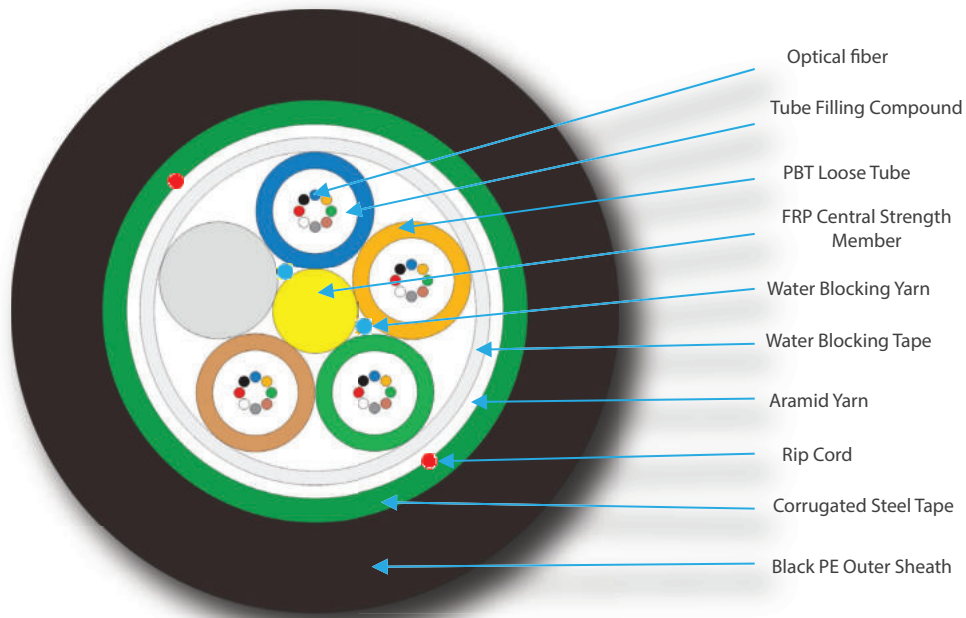
1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation

PRODUCT PARAMETERS

Performance	Long-term	Short-term
Max. Tension (N)	600	1500
Max. Crushing Resistance(N/100mm)	300	1000
Min. Bending Radius	30D (Dynamic)	15D(Static)
Storage and operating temperature	-20°C — + 60°C	

GYFS 32 Core Outdoor Optical Cable

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION



Cable diameter: 10.8 ± 0.3 mm

Cladding diameter: 125.0 ± 1.0 um
 Coating diameter: 245.0 ± 10.0 um
 PBT Loose Tube diameter: 1.9 ± 0.1 mm
 FRP Central Strength Member: 1.4 ± 0.1 mm
 UV color fiber: Standard chromatogram

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G652B	SM G652D	MM 50/125	MM 62.5/125	MM OM3-300
Waveband	nm	1310/1550	1310/1550	850/1300	850/1300	850/1300
Attenuation	dB/km	0.36/0.23	0.36/0.23	3.0/1.0	3.0/1.0	3.0/1.0

PRODUCT PARAMETERS

Performance	Long-term	Short-term
Max. Tension (N)	600	1500
Max. Crushing Resistance(N/100mm)	300	1000
Min. Bending Radius	30D (Dynamic)	15D(Static)

Storage and operating temperature

— 20°C — + 60°C

APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similaras much as possible. Other lengths can be agreed upon through consultation

FIBRA GYFTY

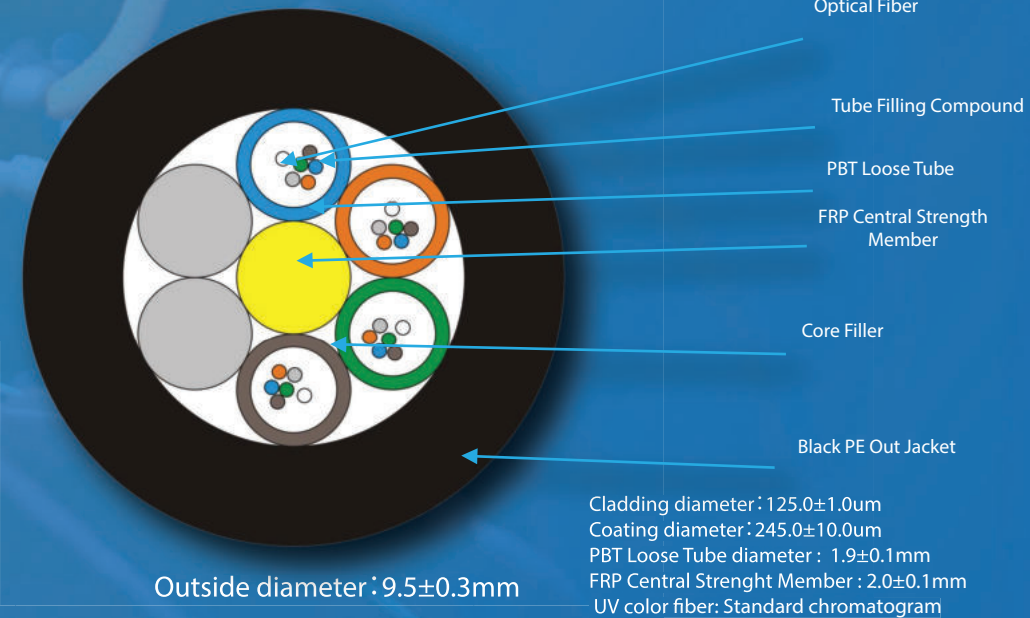


GYFTY 24 Core Outdoor Optical Cable

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G652	SM G652D	MM 50/125	MM 62.5/125	MM OM3-300
Waveband	nm	1310/1550	1310/1550	850/1300	850/1300	850/1300
Attenuation	dB/km	0.36/0.23	0.36/0.23	3.0/1.0	3.0/1.0	3.0/1.0

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION



APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation

PRODUCT PARAMETERS

Performance	Long-term	Short-term
Max. Tension (N)	1000	2000
Max. Crushing	300	1000
Resistance(N/100mm ²)		
Min. Bending Radius	30D (Dynamic)	15D (Static)
Storage and operating temperature	-40°C — +70°C	

FIBRA GYXTW

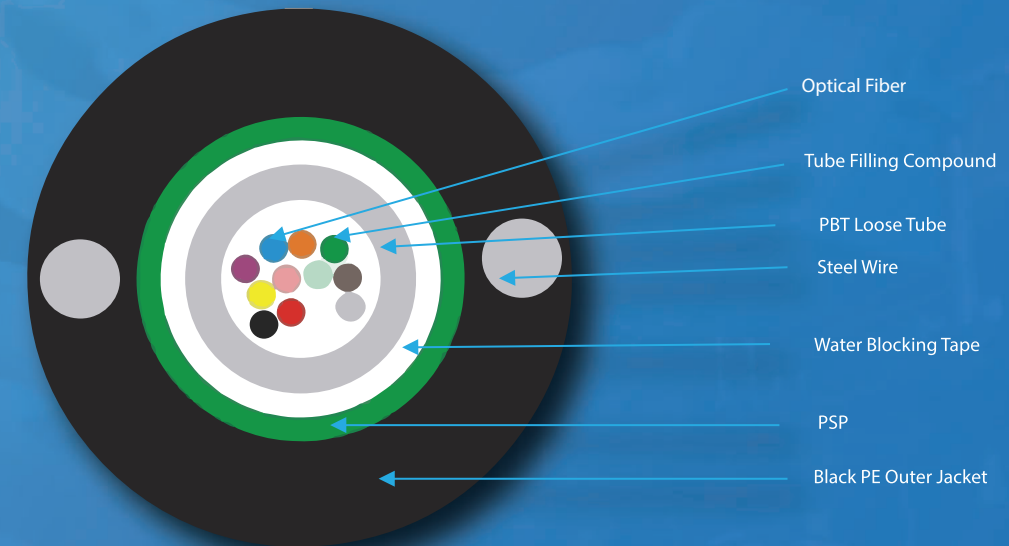


GYXTW1-24Core Outdoor Optical Cable

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G652	SM G652D	MM 50/125	MM 62.5/125	MM OM3-300
Waveband	nm	1310/1550	1310/1550	850/1300	850/1300	850/1300
Attenuation	dB/km	0.36/0.23	0.36/0.23	3.0/1.0	3.0/1.0	3.0/1.0



Outside diameter: $9.5 \pm 0.2 \text{mm}$

Cladding diameter: $125.0 \pm 1.0 \mu\text{m}$
 Coating diameter: $245.0 \pm 10.0 \mu\text{m}$
 PBT Loose Tube diameter: $1.9 \pm 0.1 \text{mm}$
 FRP Central Strength Member: $1.4 \pm 0.1 \text{mm}$
 UV color fiber: Standard chromatogram

APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation

PRODUCT PARAMETERS

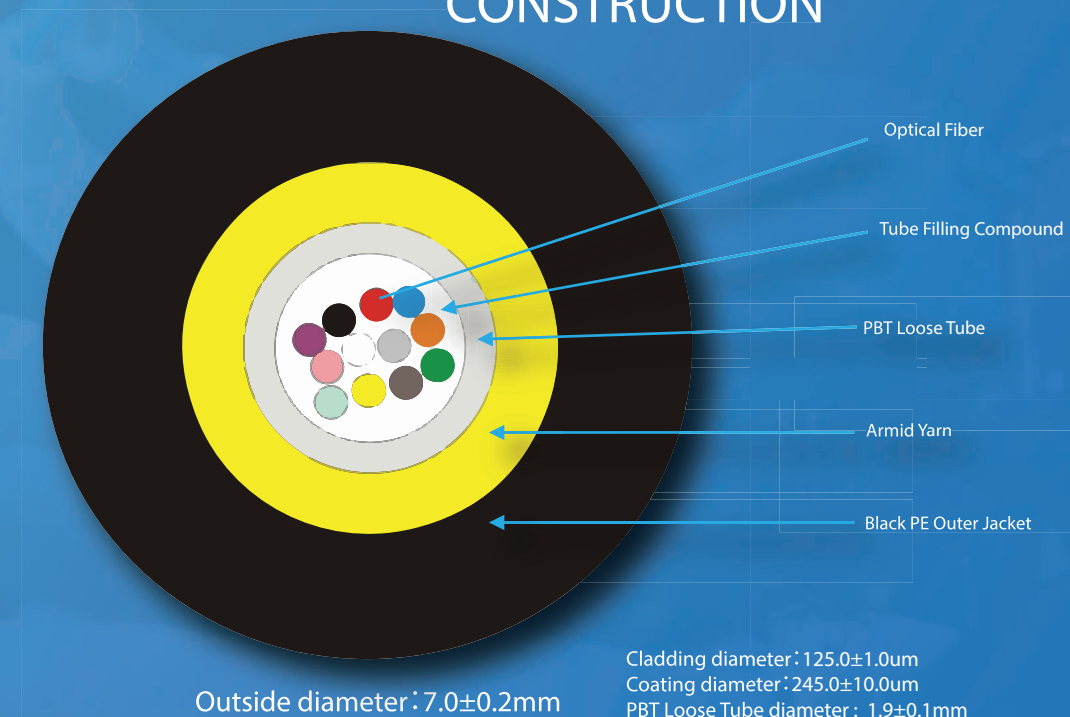
Performance	Long-term	Short-term
Max. Tension (N)	1000	2000
Max. Crushing Resistance($\text{N}/100\text{mm}^2$)	1100	2000
Min. Bending Radius	30D(Dynamic)	15D(Static)
Storage and operating temperature	-40°C — +70°C	

FIBRA JET



GYFS 32 Core Outdoor Optical Cable

PRODUCT STRUCTURE DIAGRAM CONSTRUCTION



Cladding diameter: $125.0 \pm 1.0 \mu\text{m}$
 Coating diameter: $245.0 \pm 10.0 \mu\text{m}$
 PBT Loose Tube diameter: $1.9 \pm 0.1 \text{mm}$
 FRP Central Strength Member: $1.4 \pm 0.1 \text{mm}$
 UV color fiber: Standard chromatogram

PARAMETERS OF FIBER

Optical fiber type	Unit	SM G652d	SM G657A1	MM 50/125	MM 62.5/125	MM OM3-300
Waveband	nm	1310/1550	1310/1550	850/1300	850/1300	850/1300
Attenuation	dB/km	0.36/0.23	0.36/0.23	3.0/1.0	3.0/1.0	3.0/1.0

APPEARANCE AND PACKAGING

1. No damage on the surface; no trachoma.
2. Wooden tray packaging; wood whole seal packaging
3. Segment length: no less than 1000M. The segment length of each tray of the same batch shall be similar as much as possible. Other lengths can be agreed upon through consultation

PRODUCT PARAMETERS

Performance	Long-term	Short-term
Max. Tension (N)	150	300
Max. Crushing Resistance(N/100mm ²)	200	500
Min. Bending Radius	30D(Dynamic)	15D(Static)
Storage and operating temperature	-40°C — +70°C	



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