Planet

Structure Cabling Systems

WELL EXPERIENCED

More than 13 years experience in networking industry

PROFESSIONAL TEAM

We have professional sales team to offer fast response and engineers to support different solutions

ABUNDANT PRODUCTS

Integrited and completed product lines for networking and cabling items

STANDARDS COMPLIANCE

ANSI/EIA RS-310-D, IEC2-297, DIN41494/41491; GB/T92-3047.2;Metric & ETSI standard

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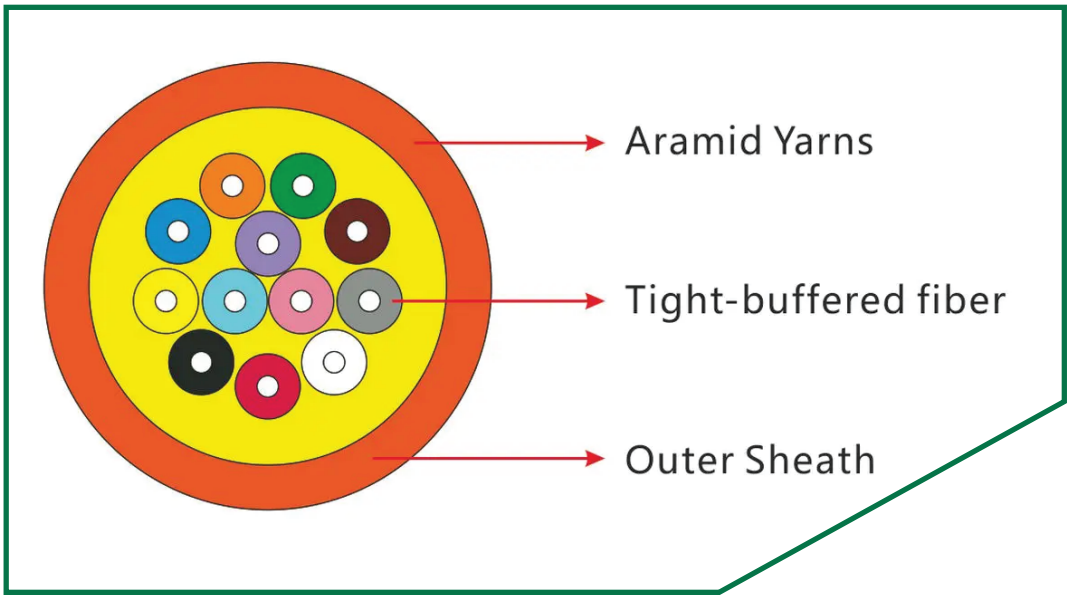
GJFJV Core Indoor Optical Fiber Cable

Part Number: PL-GJFJV-xxzz

Fiber Optic System

Product Structure Diagram



Product Description

GJFJV indoor fiber optic cable is made by evenly applying strands of Aramid yarns as the strength member over ф900μm or ф600μm tight buffer fibers and then is completed with PVC (LSZH) jacket. High strength aramid yarn strength member ensures tension-resistance and long term stable transmission for optical fibers.

Application

- Adapted to indoor distribution.
- Suitable for external applications in ducts and aerial applications.
- Long distance and local area network communication.

Part Number:

Part NO.	Description
PL-GJFJV-xxM1	xx Core Indoor Optical Fiber Cable OM1
PL-GJFJV-xxM2	xx Core Indoor Optical Fiber Cable OM2
PL-GJFJV-xxM3	xx Core Indoor Optical Fiber Cable OM3
PL-GJFJV-xxM4	xx Core Indoor Optical Fiber Cable OM4
PL-GJFJV-xxS2	xx Core Indoor Optical Fiber Cable OS2

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GJFJV Core Indoor Optical Fiber Cable

Part Number: PL-GJFJV-xxzz

Technical Specifications

Product Parameters

Cable Count (Core)	Out Sheath Diameter MM)	Tight Buffer Diameter (MM)	Weight (KG)	Minimum Allowable Tensile Strength(N)		Minimum allowable Crush load (N/100mm)		Min bending Radius (MM)		Suitable Temperature (℃)
				Short-term	Long-term	Short-term	Long-term	Short-term	Long-term	
02	3.0	0.9	15.00	600	200	1000	200	20D	10D	-20 to +60
04	4.0	0.9	22.00	600	200	1000	200	20D	10D	
06	4.0	0.9	23.00	600	200	1000	200	20D	10D	
08	5.0	0.9	27.00	600	200	1000	200	20D	10D	-20 to +60
10	5.5	0.9	30.00	600	200	1000	200	20D	10D	
12	6.0	0.9	35.00	600	200	1000	200	20D	10D	
24	7.0	0.9	40.00	600	200	1000	200	20D	10D	
48	8.5	0.9	48.00	600	200	1000	200	20D	10D	

Fiber Characteristics

Parameter	Unit	9/125 SMF-OS1	62.5/125 MMF -OM1	50/125 MMF -OM2	50/125 MMF -OM3	50/125 MMF -OM4
Attenuation (See Note 1)	dB/Km	1310nm≤0.35 1550nm≤0.22	850 nm≤3.0 1300 nm≤0.8	850 nm≤3.0 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7
Dispersion	Ps/nm.km	1285~1330nm≤3.5 1550nm≤18.0	-	-	-	
Fiber Diameter	um	9/125 um	62.5/125 um	50/125 um	50/125 um	50/125 um
Effective Modal Bandwidth	EMB	-	850 nm≥200	850 nm≥750	850 nm≥2000	850 nm≥4700
Zero Dispersion Wavelength	Nm	1300~1324	-		-	-
Zero Dispersion Slope	Ps/nm.km	≤0.095	-		-	-
Fiber Cutoff Wavelength	um	≤1260	-		-	-
Mode Field Diameter	um	@1310nm-9.2±0.4 @1550nm-10.4±0.8	-	-	-	-
Mode Field Concentricity	um	≤0.8	-	-	-	-
Cladding Diameter	um	125±1.0	125±2.0	125±1.0	125±1.0	125±1.0
Cladding Non-circularity	%	≤1.0	≤2.0	≤1.0	≤1.0	≤1.0
Coating/Cladding Concentricity Error	um	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5
Coating Diameter	um	245±10	245±10	245±10	245±10	245±10

Fiber Optic System

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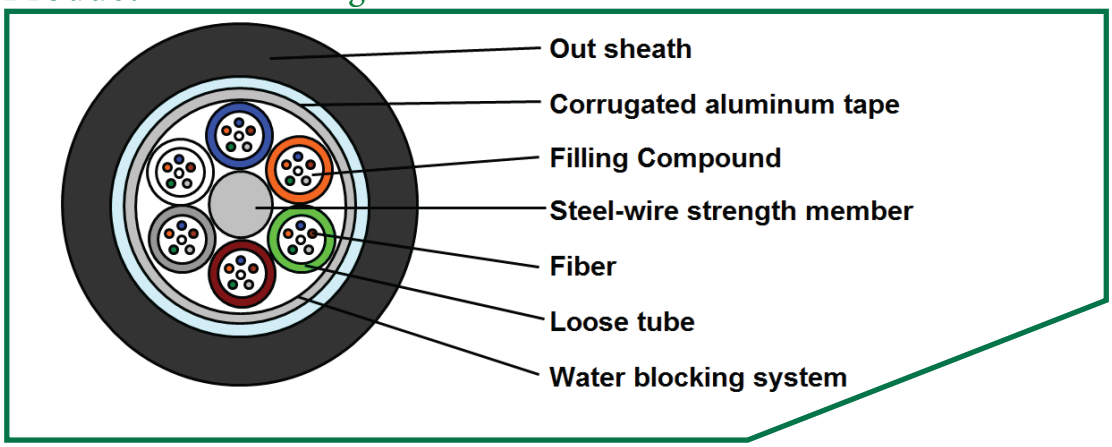
GYTA Outdoor Optical Fiber Cable

Part Number: PL-GYTA-xxzz

Fiber Optic System

Product Structure Diagram



Product Description :

GYTA outdoor fiber optic cable, is also called multi loose tube aluminum polyethylene laminated tape external cable, is consisted of 250um fibers held in oil filled PBT loose tubes wrapped around a phosphatized steel wire central strength member. This is surrounded by either water blocking jelly, a aluminum tape laminated on both sides with polyethylene and bonded tightly to the PE sheath.

Application :

- Adapted to outdoor distribution.
- Suitable for external applications in ducts and aerial applications.
- Long distance and local area network communication.

Technical Specifications:

Product Parameters:

Cable Count (Core)	Out Sheath Diameter (MM)	Weight (KG)	Minimum Allowable Tensile Strength(N)		Minimum Allowable Crush Load (N/100mm)		Min Bending Radius(MM)		Suitable Temperature (℃)
			Short -term	Long -term	Short -term	Long -term	Short term	Long -term	
24	10.5	105.00	1500	600	1000	300	20D	10D	-40 to +60
36	10.5	105.00	1500	600	1000	300	20D	10D	
42	10.5	105.00	1500	600	1000	300	20D	10D	
48	10.5	105.00	1500	600	1000	300	20D	10D	
60	10.5	105.00	1500	600	1000	300	20D	10D	
72	10.5	105.00	1500	600	1000	300	20D	10D	
96	10.5	105.00	1500	600	1000	300	20D	10D	
144	10.5	105.00	1500	600	1000	300	20D	10D	

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GYTA Outdoor Optical Fiber Cable

Part Number: PL-GYTA-xxzz

Fiber Characteristics:

Parameter	Unit	9/125 SMF-OS2	62.5/125 MMF -OM1	50/125 MMF -OM2	50/125 MMF -OM3	50/125 MMF -OM4
Attenuation	dB/Km	1310nm≤0.35 1550nm≤0.22	850 nm≤3.0 1300 nm≤0.8	850 nm≤3.0 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7
Dispersion	Ps/nm.km	1285~1330nm≤3.5 1550nm≤18.0	-	-	-	
Fiber Diameter	um	9/125 um	62.5/125 um	50/125 um	50/125 um	50/125 um
Effective Modal Bandwidth	EMB	-	850 nm≥200	850 nm≥750	850 nm≥2000	850 nm≥4700
Zero Dispersion Wavelength	Nm	1300~1324	-		-	-
Zero Dispersion Slope	Ps/nm.km	≤0.095	-		-	-
Fiber Cutoff Wavelength	um	≤1260	-		-	-
Mode Field Diameter	um	@1310nm-9.2±0.4 @1550nm-10.4±0.8	-	-	-	-
Mode Field Concentricity	um	≤0.8	-	-	-	-
Cladding Diameter	um	125±1.0	125±2.0	125±1.0	125±1.0	125±1.0
Cladding Non-circularity	%	≤1.0	≤2.0	≤1.0	≤1.0	≤1.0
Coating/Cladding Concentricity Error	um	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5
Coating Diameter	um	245±10	245±10	245±10	245±10	245±10

Part Number:

Part NO.	Description
PL-GYTA-xxM1	xx Core Outdoor Optical Fiber Cable OM1
PL-GYTA-xxM2	xx Core Outdoor Optical Fiber Cable OM2
PL-GYTA-xxM3	xx Core Outdoor Optical Fiber Cable OM3
PL-GYTA-xxM4	xx Core Outdoor Optical Fiber Cable OM4
PL-GYTA-xxS2	xx Core Outdoor Optical Fiber Cable OS2

Fiber Optic System

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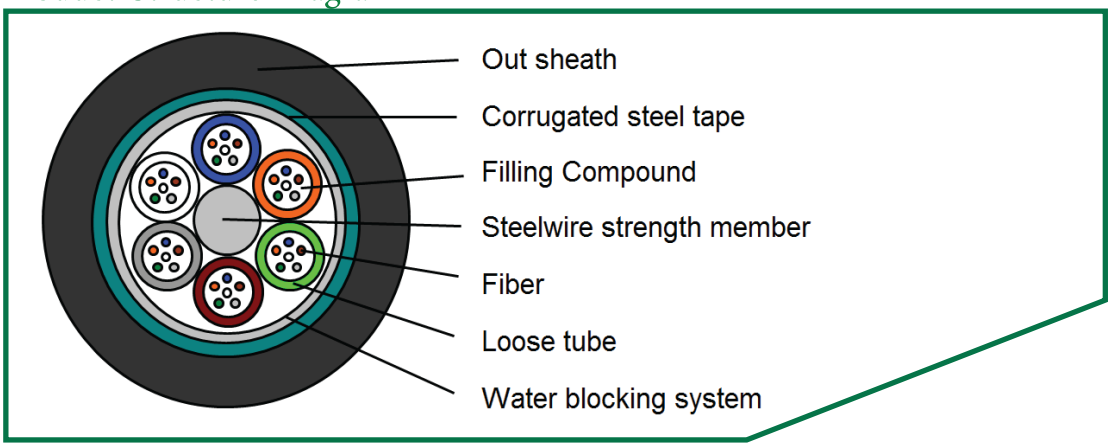
GYTS 24-144 Core Outdoor Optical Fiber Cable

Fiber Optic System

Product Structure Diagram



Product Description

GYTS outdoor fiber optic cable, is also called multi loose tube steel tape external cable, is consisted of 250um fibers held in oil filled PBT loose tubes wrapped around a phosphatized steel wire central strength member. This is surrounded by either water blocking jelly, a aluminum tape laminated on both sides with polyethylene and bonded tightly to the PE sheath.

Application

- Adapted to outdoor distribution.
- Suitable for external applications in ducts and aerial applications.
- Long distance and local area network communication.

Technical Specifications

Product Parameters

Cable Count (Core)	Out Sheath Diameter (MM)	Weight (KG)	Minimum Allowable Tensile Strength(N)		Minimum Allowable Crush Load (N/100mm)		Min Bending Radius (MM)		Suitable Temperature (C)
			Short -term	Long -term	Short -term	Long -term	Short -term	Long -term	
24	10.5	105.00	1500	600	1000	300	20D	10D	-40+60
36	10.5	105.00	1500	600	1000	300	20D	10D	-40+60
42	10.5	105.00	1500	600	1000	300	20D	10D	-40+60
48	12.0	150.00	1500	600	1000	300	20D	10D	-40+60
60	12.0	150.00	1500	600	1000	300	20D	10D	-40+60
72	12.0	150.00	1500	600	1000	300	20D	10D	-40+60
96	12.5	165.00	1500	600	1000	300	20D	10D	-40+60
144	14.0	180.00	1500	600	1000	300	20D	10D	-40+60

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Fiber Characteristics

Parameter	Unit	9/125 SMF - OS2	62.5/125 MMF -OM1	50/125 MMF -OM2	50/125 MMF -OM3	50/125 MMF -OM4
Attenuation	dB/Km	1310nm≤0.35 1550nm≤0.22	850 nm≤3.0 1300 nm≤0.8	850 nm≤3.0 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7
Dispersion	Ps/nm.km	1285~1330nm≤3.5 1550nm≤18.0	-	-	-	
Fiber Diameter	um	9/125 um	62.5/125 um	50/125 um	50/125 um	50/125 um
Effective Modal Bandwidth	EMB	-	850 nm≥200	850 nm≥750	850 nm≥2000	850 nm≥4700
Zero Dispersion Wavelength	Nm	1300~1324	-		-	-
Zero Dispersion Slope	Ps/nm.km	≤0.095	-		-	-
Fiber Cutoff Wavelength	um	≤1260	-		-	-
Mode Field Diameter	um	@1310nm-9.2±0.4 @1550nm-10.4±0.8	-	-	-	-
Mode Field Concentricity	um	≤0.8	-	-	-	-
Cladding Diameter	um	125±1.0	125±2.0	125±1.0	125±1.0	125±1.0
Cladding Non-circularity	%	≤1.0	≤2.0	≤1.0	≤1.0	≤1.0
Coating/Cladding Concentricity Error	um	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5
Coating Diameter	um	245±10	245±10	245±10	245±10	245±10

Part Number:

Part NO.	Description
PL-GYTS-xxM1	xx Core Outdoor Optical Fiber Cable OM1
PL-GYTS-xxM2	xx Core Outdoor Optical Fiber Cable OM2
PL-GYTS-xxM3	xx Core Outdoor Optical Fiber Cable OM3
PL-GYTS-xxM4	xx Core Outdoor Optical Fiber Cable OM4
PL-GYTS-xxS2	xx Core Outdoor Optical Fiber Cable OS2

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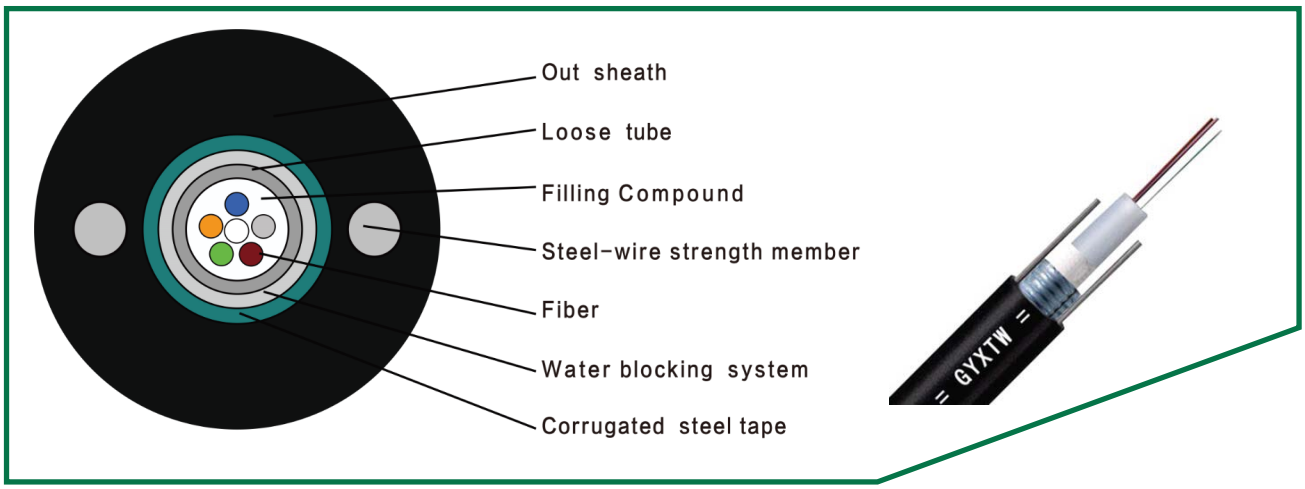
GYXTW Outdoor Optical Fiber Cable

Fiber Optic System

Part Number: PL-GYXTW-xxzz

Product Structure Diagram



Product Description :

GYXTW outdoor fiber optic cable, is also called single loose tube steel tape armored cable, is consisted of 250um fibers held in an gel filled central loose tube surrounded by water-blocking tape an den cased in corrugated, polyethylene laminated steel tape. The cable features two parallel steel wire strength members encased in the PE outer jacket.

Application :

- Adapted to outdoor distribution.
- Suitable for external applications in ducts and aerial applications.
- Long distance and local area network communication.

Technical Specifications:

Product Parameters:

Cable Count (Core)	Out Sheath Diameter (MM)	Weight (KG)	Minimum Allowable Tensile Strength(N)		Minimum Allowable Crush Load (N/100mm)		Min Bending Radius (MM)		Suitable Temperature (℃)
			Short -term	Long -term	Short -term	Long -term	Short -term	Long -term	
2	8.3	78.00	1500	600	1000	300	20D	10D	-40 to +60
4	8.3	78.00	1500	600	1000	300	20D	10D	
6	8.3	78.00	1500	600	1000	300	20D	10D	
8	8.3	78.00	1500	600	1000	300	20D	10D	
12	8.3	78.00	1500	600	1000	300	20D	10D	
24	8.3	78.00	1500	600	1000	300	20D	10D	
36	8.3	78.00	1500	600	1000	300	20D	10D	

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GYTA Outdoor Optical Fiber Cable

Part Number: PL-GYXTW-xxzz

Fiber Optic System

Fiber Characteristics:

Parameter	Unit	9/125 SMF-OS2	62.5/125 MMF -OM1	50/125 MMF -OM2	50/125 MMF -OM3	50/125 MMF -OM4
Attenuation	dB/Km	1310nm≤0.35 1550nm≤0.22	850 nm≤3.0 1300 nm≤0.8	850 nm≤3.0 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7	850 nm≤2.3 1300 nm≤0.7
Dispersion	Ps/nm.km	1285~1330nm≤3.5 1550nm≤18.0	-	-	-	
Fiber Diameter	um	9/125 um	62.5/125 um	50/125 um	50/125 um	50/125 um
Effective Modal Bandwidth	EMB	-	850 nm≥200	850 nm≥750	850 nm≥2000	850 nm≥4700
Zero Dispersion Wavelength	Nm	1300~1324	-		-	-
Zero Dispersion Slope	Ps/nm.km	≤0.095	-		-	-
Fiber Cutoff Wavelength	um	≤1260	-		-	-
Mode Field Diameter	um	@1310nm-9.2±0.4 @1550nm-10.4±0.8	-	-	-	-
Mode Field Concentricity	um	≤0.8	-	-	-	-
Cladding Diameter	um	125±1.0	125±2.0	125±1.0	125±1.0	125±1.0
Cladding Non-circularity	%	≤1.0	≤2.0	≤1.0	≤1.0	≤1.0
Coating/Cladding Concentricity Error	um	≤12.5	≤12.5	≤12.5	≤12.5	≤12.5
Coating Diameter	um	245±10	245±10	245±10	245±10	245±10

Part Number:

Part NO.	Description
PL-GYXTW-xxM1	xx Core Outdoor Optical Fiber Cable OM1
PL-GYXTW-xxM2	xx Core Outdoor Optical Fiber Cable OM2
PL-GYXTW-xxM3	xx Core Outdoor Optical Fiber Cable OM3
PL-GYXTW-xxM4	xx Core Outdoor Optical Fiber Cable OM4
PL-GYXTW-xxS2	xx Core Outdoor Optical Fiber Cable OS2

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