

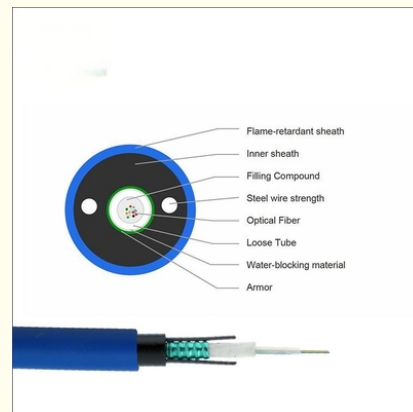


MGXTSV Outdoor Fiber Optic Cable Flame Retardant Duct 1-24 Cores

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: MGXTSV
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool /drum
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km



Product Specification

- Item: MGXTSV
- Use: Duct
- Original: Yes
- Loose Tube Material: PBT Or Jelly
- Cable Diameter: 7mm 8mm
- Samples: Free
- Fiber Grade: G652D
- Waterblocking Material: Water Blocking Tape Or Filling Compound
- Steel Wire: 1.0*2
- Cable Color: Blue Or Customized
- Highlight: **MGXTSV Outdoor Fiber Optic Cable, Flame Retardant Outdoor Fiber Optic Cable**



Product Description

Outdoor Fiber Optic Cable Mine Flame Retardant Duct MGXTSV 1-24 Cores

Product Specifications

Attribute	Value
Item	MGXTSV
Use	Duct
Original	Yes
Loose Tube Material	PBT or Jelly
Cable Diameter	7mm 8mm
Samples	Free
Fiber Grade	G652D
Waterblocking Material	Water Blocking Tape Or Filling Compound
Steel Wire	1.0*2
Cable Color	Blue or customized



Key Features

1. Excellent flame retardant performance
2. High strength loose tube with hydrolysis resistance
3. Double sheathes and single armor for crush resistance, waterproofing, and rodent protection
4. Loose tube wrapped by non-woven tape with water blocking capability
5. Special tube filling compound for critical fiber protection

- 6. Blue PVC or LSZH jacket: Flame retardant and easy identification
- 7. Superior crush resistance and flexibility

Technical Specifications

No. of cable	2-12	14~24
Fiber Model	G.652D	
Strength Member	Material	Steel Wire
	Diameter(±0.05)mm	0.6
Loose Tube	Material	PBT
	Diameter(±0.06)mm	2.0 2.5
	Thickness(±0.03)mm	0.32 0.4
	The Max.Core NO./Tube	12 24
Water Blocking layer(Material)	Water Blocking Tape	
Armoring	Material	Steel Strip
	Thickness(±0.03)mm	0.25
Inner Sheath	Material	MDPE
	Thickness(±0.2)mm	1.5
Outer Sheath	Material	CMR
	Thickness(±0.2)mm	1.0
Cable Diameter(±0.2)mm	9.0	9.5
Cable Weight(±5)kg/km	88	95
Min. bending radius	Without Tension	10.0×Cable-φ
	Under Maximum Tension	20.0×Cable-φ
Temperature range ()	Installation	-20~+60
	Transport&Storage	-40~+70
	Operation	-40~+70



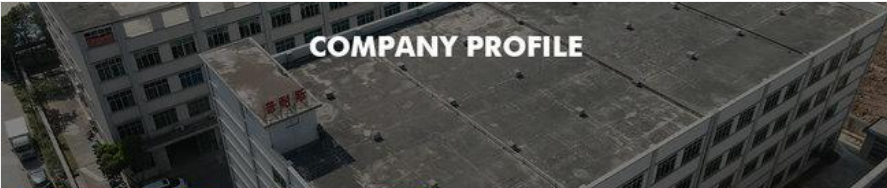
APPLICATION



Fiber Parameters

No.	Items	Unit	Specification
1	Mode Field Diameter	1310nm μm	9.2 $\pm$ 0.4
		1550nm μm	10.4 $\pm$ 0.8
2	Cladding Diameter	μm	125.0 $\pm$ 1.0
3	Cladding Non-Circularity	%	$\leq$ 1.0
4	Core-Cladding Concentricity Error	μm	$\leq$ 0.5
5	Coating Diameter	μm	245 $\pm$ 5
6	Coating Non-Circularity	%	$\leq$ 6.0
7	Cladding-Coating Concentricity Error	μm	$\leq$ 12.0
8	Cable Cutoff Wavelength	nm	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm dB/km	$\leq$ 0.35
		1550nm dB/km	$\leq$ 0.21
		1380nm dB/km	$\leq$ 0.35
		1625nm dB/km	$\leq$ 0.24
10	Attenuation and wavelength	1310nm 1285-1330nm dB/km	$\leq$ 0.04
		1550nm 1525-1575nm dB/km	$\leq$ 0.03
		1550nm 1480-1580nm dB/km	$\leq$ 0.05
11	Dispersion	1288-1339nm ps/(nm.km)	$\geq$ -3.5, $\leq$ 3.5
		1271-1360nm ps/(nm.km)	$\geq$ -5.3, $\leq$ 5.3
		1480-1580nm ps/(nm.km)	$\leq$ 20
		1550nm ps/(nm.km)	$\leq$ 18
12	Zero dispersion wavelength	Nm	1300-1324
13	Zero dispersion slope	ps/(nm ² •km)	$\leq$ 0.092
14	Typical value	ps/(nm ² •km)	0.04
15	Largest individual fiber	Ps/ $\sqrt{\text{km}}$	0.2
16	Link design values	Ps/ $\sqrt{\text{km}}$	0.1
17	Two way average	1310nm-1550	$\leq$ 0.01dB





COMPANY PROFILE



ABOUT FIBER

Guangzhou fiber cablepuls co.,ltd

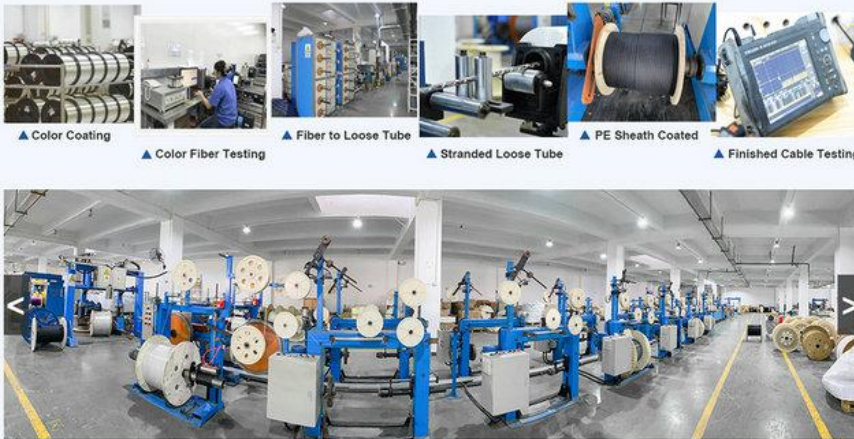
Fiber cablepuls is one of the high-tech fiber optic cable factories in China that can produce the most complete series of fiber optic cables, equipped with the most advanced fiber optic cable manufacturing, and have the most advanced fiber optic connector production and testing equipment in China.

The factory has obtained SGS ISO9001:2015, ISO14001:2004 and GB/T28001:2001 successively obtained international system certification.

Over the past 12 years, we have provided optical cable products and comprehensive solutions to more than 90 countries and regions around the world, and have received unanimous praise from customers. such as foreign telecom departments of the United States, Mexico Telecom, Thailand Telecom, Philippines Telecom, etc.; domestic customers include: China Mobile, the General Administration of Radio, Film and Television, Lenovo, and many other large national enterprises.



OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



Custom Order Process

1. Send your purchase intention to our email: cotton@fibercablepuls.com
2. Our sales team will contact you to confirm product specifications, packaging, printing, quantity, and other requirements
3. Sign the contract or Proforma Invoice
4. After receiving your deposit, we will begin production
5. Two weeks before production completion, we will notify you to arrange shipping



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