



MGTSV 48-Core G.652D Steel Tape Armored Duct Fiber Optic Cable

Our Product Introduction

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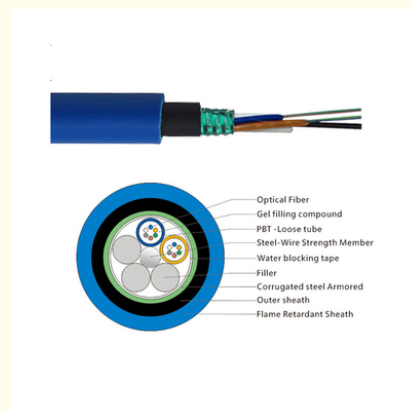
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: MGTSV-48B1.3
- Minimum Order Quantity: 2km
- Price: negotiable
- 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 No.: MGTSV-48B1.3
- Armored Type: Steel Tape
- Fiber Type: G.652D
- Jacket Material: FIRE RESISTANT SHEATH
- Application: Outdoor Duct Installation
- Warranty Period: 25 Years
- Jacket: Blue
- Highlight: Mining Use Duct Fiber Optic Cable, MGTSV Duct Fiber Optic Cable, 48 CORES Duct Fiber Optic Cable



More Images



Product Description

Duct Fiber Optic Cable MGTSV 4 Cores 48 CORES G.652D MGTSV Mining Fiber Optic Cable

Product Specifications

Attribute	Value
Item No.	MGTSV-48B1.3
Armored Type	Steel Tape
Fiber Type	G.652D
Jacket Material	FIRE RESISTANT SHEATH
Application	Outdoor duct installation
Warranty Period	25 years
Jacket Color	Blue

Product Description

The MGTSV duct fiber optic cable features 250µm fibers positioned in high modulus plastic loose tubes filled with water-resistant compound. A central steel wire provides strength, with tubes stranded around it for a compact core. The cable includes PSP longitudinal protection and PE sheath for durability.

Key Features

- Excellent mechanical and temperature performance
- High-strength, hydrolysis-resistant loose tubes
- Special tube filling compound for fiber protection
- Compact structure prevents tube shrinking
- Superior crush resistance and flexibility
- PE sheath protects against UV radiation

Waterproofing Measures

- Steel wire central strength member
- Loose tube filling compound
- 100% cable core filling
- PSP moisture-proof enhancement

MGTSV cable complies with Standard YD/T 901-2001 and IEC 60794-1.



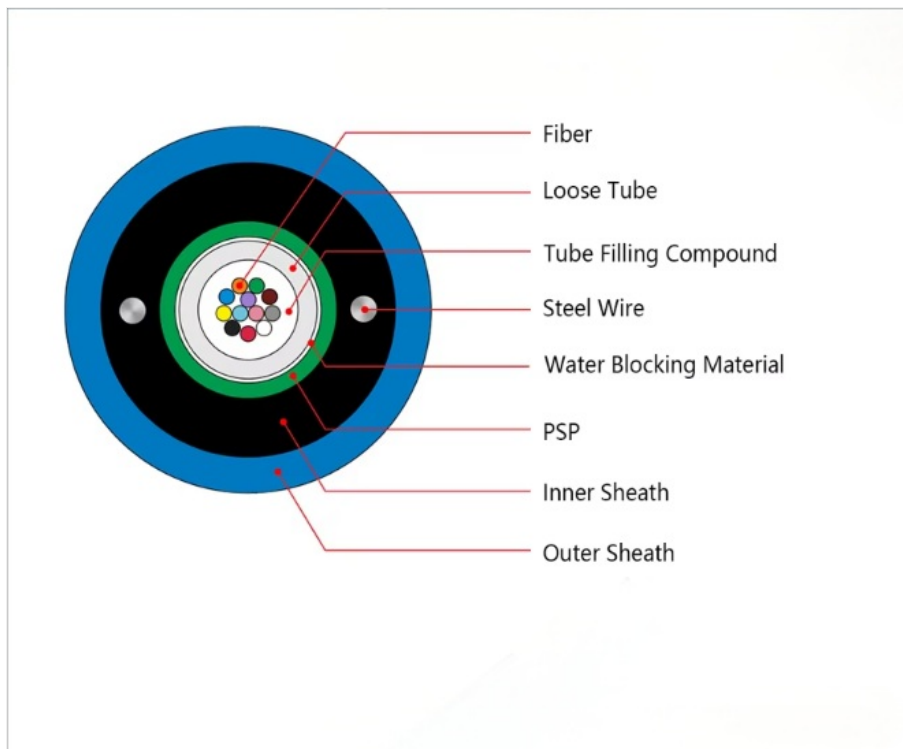
Technical Specifications

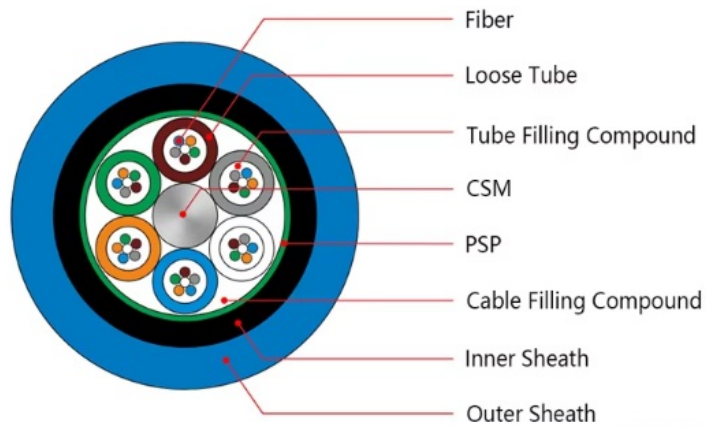
Cable Type	Tubes+ Fillers	Cable Diameter (mm)	Cable Weight (Kg/km)	Tensile Strength (Long/Short Term N)	Crush Resistance (Long/Short Term N/100m)	Bending Radius (Static/Dynamic mm)
MGTSV-26	5	12.2	156	1000/2000	500/1500	15D/30D
MGTSV-62 72	6	13.8	210	1750/3500	500/1500	15D/30D
MGTSV-74 96	8	15.1	242	1750/3500	500/1500	15D/30D
MGTSV-98 120	10	17.2	280	1750/3500	500/1500	15D/30D
MGTSV-122 144	12	19.0	320	1750/3500	500/1500	15D/30D
MGTSV-146 216	18	19.0	320	1750/3500	500/1500	15D/30D

Fiber Specifications (G.652D)

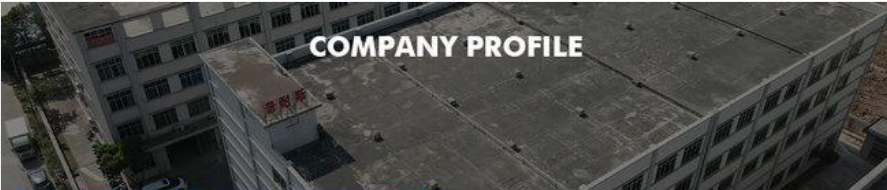
No.	Items	Unit	Specification
1	Mode Field Diameter (1310nm)	μm	9.2±0.4
1	Mode Field Diameter (1550nm)	μm	10.4±0.8
2	Cladding Diameter	μm	125.0±1.0
3	Cladding Non-Circularity	%	≤1.0
4	Core-Cladding Concentricity Error	μm	≤0.5
5	Coating Diameter	μm	245±5

6	Coating Non-Circularity	%	≤6.0
7	Cladding-Coating Concentricity Error	μm	≤12.0
8	Cable Cutoff Wavelength	nm	$\lambda_{cc} \leq 1260$
9	Attenuation(max.) 1310nm	dB/km	≤0.35
9	Attenuation(max.) 1550nm	dB/km	≤0.21
9	Attenuation(max.) 1380nm	dB/km	≤0.35
9	Attenuation(max.) 1625nm	dB/km	≤0.24
10	Attenuation and wavelength 1310nm 1285-1330nm	dB/km	≤0.04
10	Attenuation and wavelength 1550nm 1525-1575nm	dB/km	≤0.03
10	Attenuation and wavelength 1550nm 1480-1580nm	dB/km	≤0.05
11	Dispersion 1288-1339nm	ps/(nm.km)	$\geq -3.5, \leq 3.5$
11	Dispersion 1271-1360nm	ps/(nm.km)	$\geq -5.3, \leq 5.3$
11	Dispersion 1480-1580nm	ps/(nm.km)	≤20
11	Dispersion 1550nm	ps/(nm.km)	≤18
12	Zero dispersion wavelength	Nm	1300-1324
13	Zero dispersion slope	ps/(nm ² ·km)	≤0.092
14	Typical value	ps/(nm ² ·km)	0.04
15	Largest individual fiber	Ps/√ km	0.2
16	Link design values	Ps/√ km	0.1
17	Two way average 1310nm-1550	dB	≤0.01





Supplier Information



COMPANY PROFILE



ABOUT FIBER

Guangzhou fiber cablepuls co.,ltd

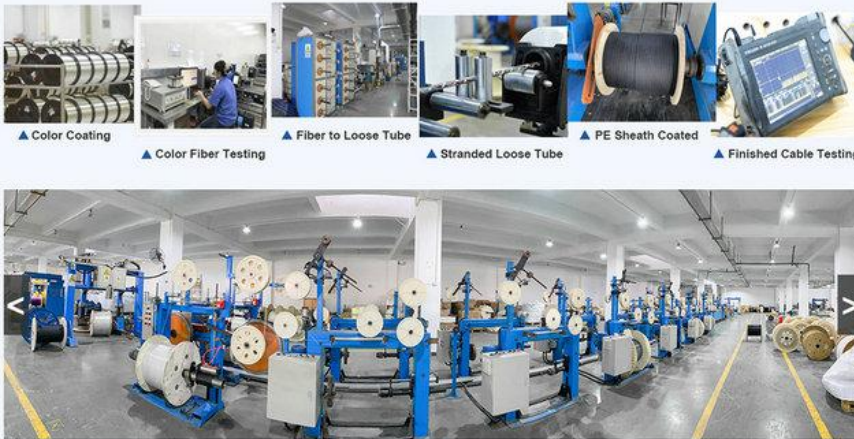
Fiber cablepuls is one of the high-tech fiber optic cable factories in China that can produce the most complete series of fiber optic cables, equipped with the most advanced fiber optic cable manufacturing, and have the most advanced fiber optic connector production and testing equipment in China.

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 purchase intention to email: cotton@fibercablepuls.com
2. Our sales team will confirm product specifications, packaging, and quantity
3. Sign contract or Proforma Invoice
4. Production begins after deposit receipt
5. Shipping arrangements notified 2 weeks before completion



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