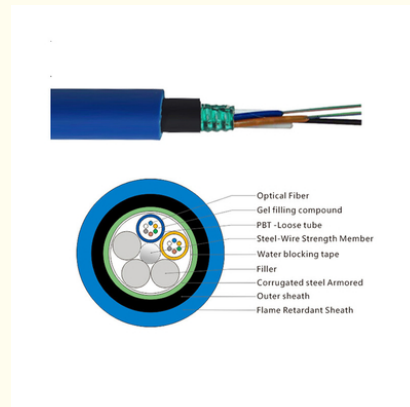




MGTSV Steel Tape Armored Fiber Optic Cable for Mining

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: MGTSV
- 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
- Armored Type: Steel Tape
- Fiber Type: G.652D
- Application: Outdoor Duct Installation
- Warranty Period: 25 Years
- Jacket: Blue Flame Retardant
- Highlight: **Mining Fiber Optic Cable,
MGTSV Mining Fiber Optic Cable,
Duct Mining Fiber Optic Cable**



Product Description

Duct Fiber Optic Cable MGTSV Mining Fiber Optic Cable

Product Specifications

Attribute	Value
Item No.	MGTSV
Armored Type	Steel Tape
Fiber Type	G.652D
Application	Outdoor duct installation
Warranty Period	25 years
Jacket	Blue flame retardant

Product Description

Duct Fiber Optic Cable MGTSV Mining Use Fiber Optic Cable

Key Characteristics:

- Specifically designed for coal, gold, iron ore and other mining applications
- Flame retardant and rodent resistant properties for mine safety
- Steel armor protection against rodent damage and bullet penetration
- Double jacket structure provides superior moisture and crush resistance
- Outer sheath is flame retardant for enhanced safety
- Loose tube material offers excellent hydrolysis resistance
- Superior waterproof performance for underground mine environments
- Complies with Standard YD/T 901-2001 and IEC 60794-1



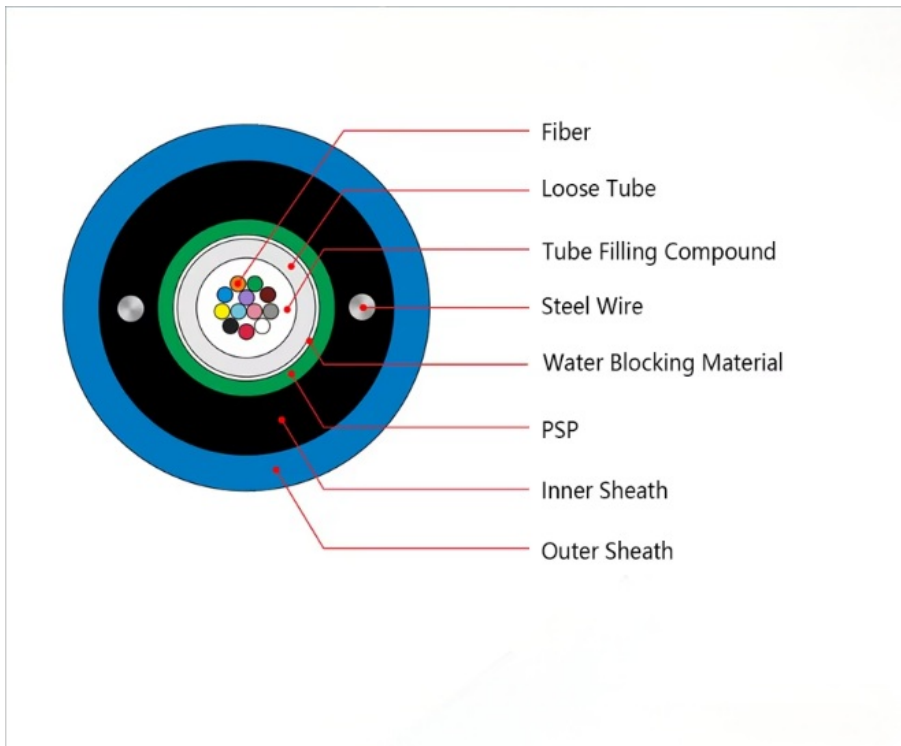
Technical Specifications

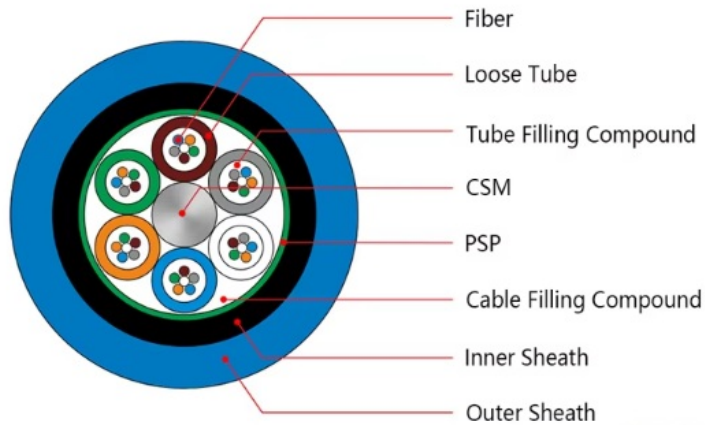
Cable Dimensions and Mechanical Properties

Cable Type	Tubes+Fillers	Cable Diameter (mm)	Cable Weight (Kg/km)	Tensile Strength Long/Short Term (N)	Crush Resistance L
MGTSV-2 6	5	12.2	156	1000/2000	5i
MGTSV-62 72	6	13.8	210	1750/3500	5i
MGTSV-74 96	8	15.1	242	1750/3500	5i
MGTSV-98 120	10	17.2	280	1750/3500	5i
MGTSV- 122 144	12	19.0	320	1750/3500	5i
MGTSV- 146 216	18	19.0	320	1750/3500	5i

Fiber Optic Specifications (G.652D)

No.	Items	Unit	Specification
1	Mode Field Diameter	1310nm 1550nm	$\mu\text{m } 9.2\pm0.4$ $\mu\text{m } 10.4\pm0.8$
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 1550nm 1380nm 1625nm	dB/km ≤ 0.35 dB/km ≤ 0.21 dB/km ≤ 0.35 dB/km ≤ 0.24
10	Attenuation and wavelength	1310nm 1285-1330nm 1550nm 1525-1575nm 1550nm 1480-1580nm	dB/km ≤ 0.04 dB/km ≤ 0.03 dB/km ≤ 0.05
11	Dispersion	1288-1339nm 1271-1360nm 1480-1580nm 1550nm	ps/(nm.km) $\geq -3.5, \leq 3.5$ ps/(nm.km) $\geq -5.3, \leq 5.3$ ps/(nm.km) ≤ 20 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/ $\sqrt{\text{km}}$	0.2
16	Link design values	Ps/ $\sqrt{\text{km}}$	0.1
17	Two way average	1310nm-1550	$\leq 0.01\text{dB}$





Ordering Information

How to Place an OEM or Customized Order

Send your purchase intention to our email: cotton@fibercablepuls.com

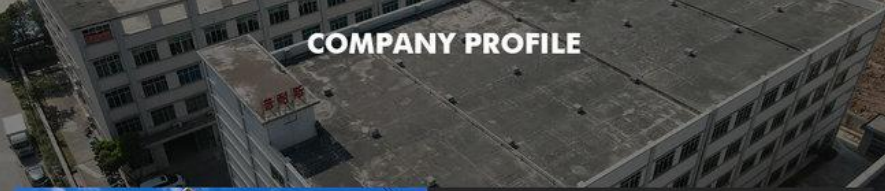
Our sales team will contact you to confirm product specifications, packaging, printing, quantity, and other requirements

Sign the contract or Proforma Invoice

After receiving your deposit, we will begin production

Two weeks before production completion, we will notify you to arrange shipping

Manufacturer Profile



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



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