Bare Fiber Cable SM G.652D

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Variants

5KM 20KM 10KM

Details

Bare Fiber Cable SM G.652D – Ideal for 5km, 10km & 20km Applications

Single-Mode G.652D fiber is a reliable and high-performance solution for modern fiber optic networks. Designed for low attenuation, high bandwidth, and long-distance transmission, it is suitable for telecom, ISP, FTTH, and enterprise applications.

5km Distance – Best for Short Networks

Features
Ideal for campus networks, data centers, and industrial environments
Low attenuation (~0.36 dB/km @1310/1550nm)
Easy installation with minimal splicing
Lightweight and flexible cable handling
Supports GPON and future DWDM upgrades

10km Distance – Balanced Performance & Reach

Features

Perfect for metro networks and enterprise backbone
Supports 10G / 40G / 100G high-speed transmission
Low chromatic dispersion for stable performance
Optional armored design for harsh environments
Ideal for FTTH / FTTB deployments

20km Distance – Long Distance Performance

Features
Best for ISP backbone and long-distance links
Ultra-low attenuation for long-distance transmission
Reduced need for repeaters (cost saving)
Supports 100G / 400G high-capacity networks
Available with weather-resistant jackets for outdoor use

General Advantages of G.652D Fiber

Advantages
Low attenuation for long-distance transmission
High bandwidth capacity for future upgrades
Compatible with GPON, XGSPON, and DWDM systems
Stable performance across different environments
Cost-effective and widely used industry standard fiber

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