

# Optical Fiber Cable 12 core Steel

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## Variants

6MM (Coil) 6MM( Drum)

## Details

# Cable Structure & Parameters 12 Core

Category	Parameter	
Optical Fiber	Core	—
Loose Tube	Material	—
	Diameter	mm
Strength Member	Material #1	—
	Diameter	mm
	Material #2	—
Sheath	Material	—

Category	Parameter	
	Diameter	mm ( $\pm$ )
Mechanical	Tensile Strength	N
	Crush Resistance	N/100m

## Fiber Properties (ITU-T G.652D)

Parameter	
Fiber Type	S
Fiber Material	D
Attenuation @1310 nm	?
Attenuation @1383 nm	?
Attenuation @1550 nm	?
Attenuation @1625 nm	?
Point Discontinuity	?

# Optical Fiber Technical Characteristics

Parameter	
Cut-off Wavelength	? 1260 nm
Zero Dispersion Wavelength	1300 – 1310 nm
Zero Dispersion Slope	? 0.093 ps/(nm <sup>2</sup> ·km)

## Chromatic Dispersion

Wavelength Range	
1288 – 1339 nm	? 3.5 ps/(nm·km)
1271 – 1360 nm	? 5.3 ps/(nm·km)
1550 nm	? 18 ps/(nm·km)
1625 nm	? 22 ps/(nm·km)

## Physical & Optical Parameters

Parameter
PMD (Quadrature Avg.)
Mode Field Diameter (1310 nm)
Core/Cladding Concentricity Error
Cladding Diameter
Cladding Non-Circularity
Primary Coating Diameter
Proof Test Level
Temperature Dependence (0°C to +70°C)

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