

Rev.	Description	Date
B		05-2022

Overview

Cablewholesale indoor Zipcord fiber Cable contains 2 fiber with aramid yarn as strength members to stiffen the cable and prevent kinking.

With aramid yam as a reinforcing member, the cable is light weight, softness and easy to peel. It is widely used as pigtails and jumpers for communication equipment.

Application

- Widely used in FTTH access network
- Telecommunication Networks
- CCTV Networks
- Data Communications Networks
- Local Area Networks

Features

- Widely used between wiring closet and equipment rooms
- Tested to meet or exceed TIA&GR-409-CORE standards
- Non-unitized tight-buffered distribution indoor cable
- Light weight and buffered to 900µm for easy stripping and handling
- Characteristic of fiber color: blue/orange/green/brown /grey/white/red/black/yellow/purple/pink/aqua
- Choice of jacket

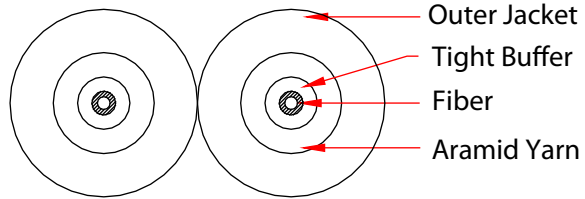
Cable Parameters

Product	Singlemode, Duplex, 9/125
Fiber Count	2 cores
Fiber Type	CORNING Glass
Strength Member	Aramid Yarn
Cable Type	SEMI Tight Buffer
Outer Jacket Color	Yellow
Outer Jacket	Flame Retardant PVC(OFNR)

Technical Parameter(2 Core)

Outer Diameter (mm)	3.0	
Nomial Weight(kg/km)	22	
Max.Tensile Strength(N)	Short-term	150
	Long-term	70
Max. Crush Resistance(N/100)	Short-term	500
	Long-term	100

RoHS



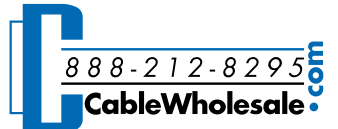
Cross Section

Optical Characteristics

Fiber Type	OS2 9/125 Singlemode G657.A1
Attenuation(dB/km)	1310nm ≤0.35 1383nm ≤0.35 1460nm ≤0.25 1550nm ≤0.21 1625nm ≤0.23
Zero Dispersion Wavelength	1312±10nm
Fiber Cutoff Wavelength(nm)	≤1260
Cladding diameter(µm)	125±0.7
Cladding material	siO2
Cladding non-circularity(%)	≤0.7
Coating/cladding concentricity error(µm)	≤12.5
Coating diameter(µm)	245±5
Core diameter(µm)	9.0±2.5
Core non-circularity(%)	≤6.0
Bending Diameter(mm)	10mm

Environmental characteristics

Temperature dependence Induced attenuation	-40~75°C	≤0.05 dB/km
Temperature-humidity cycling Induced attenuation	-10~+75°C, 90%R.H	≤0.05 dB/km
Damp heat dependence Induced attenuation	85°C,85%, R.H.,30days	≤0.05 dB/km
Watersoak dependence Induced attenuation	20°C for 30 days	≤0.05 dB/km
Temperature Range	Operating Temperature	-20~75°C
	Storage Temperature	-40~80°C

Item Number:	10F1-001NH	
Title:	Bulk Zipcord Fiber Optic Cable, Singlemode, Duplex, 9/125, Yellow, Riser Rated, Spool, 1000 foot	
Drawn by:	JL	
Approved by:	MAC	
ID:	399	

No.	Specifications
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