

Rev.	Description	Date
A		10-2021

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

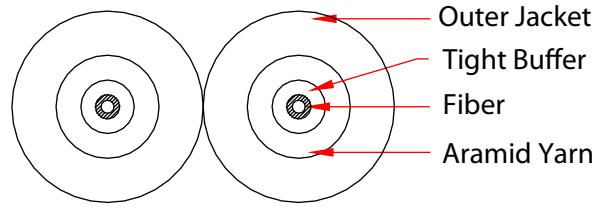
Cable Parameters

Product	Multimode, Duplex 50/125 OM3
Fiber Count	2 cores
Strength Member	Aramid Yarn
Cable Type	SEMI Tight Buffer
Outer Jacket Color	Aqua
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



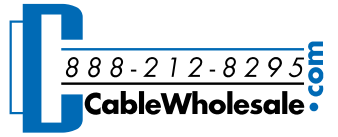
Cross Section

Optical Characteristics

Fiber Type	OM3 50/125µm
Wavelength	850nm/1300nm
Attenuation(dB/km)	850nm ≤3.0 1300nm ≤1.0
Overfilled Modal Bandwidth (MHz.km)	1300nm ≥1500 850nm ≥500
Cladding diameter(µm)	125±1.0
Cladding material	siO2
Cladding non-circularity(%)	≤1.0
Coating/cladding concentricity error(µm)	≤12.5
Coating diameter(µm)	242±7
Core diameter(µm)	50±2.5
Core non-circularity(%)	≤6.0
Core/cladding concentricity error(µm)	≤1.5
Serial 1 Gigabit Ethernet	1000m/600m
Serial 10 Gigabit Ethernet	300m
40&100 Gigabit Ethernet 850nm	100m

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:	10E1-301NH	
Title:	Bulk Zipcord Fiber Optic Cable, Multimode, Duplex, 50/125, OM3, Aqua, Riser Rated, Spool, 1000 foot	
Drawn by:	JL	
Approved by:	MAC	
ID:	399	

No.	Specifications
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