

Overview

Cablewholesale Indoor 900um Tight-Buffered Distribution Cable contains 2 tight-buffered fibers bundled under the same jacket with aramid yarn strength members to stiffen the cable and prevent kinking.

With aramid yarn 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

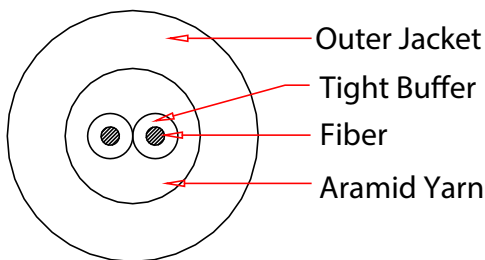
Features

- 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

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

RoHS



Cross Section

Cable Parameters

Product	Multimode 62.5/125 OM1
Fiber Count	2 cores
Fiber Type	CORNING Glass
Strength Member	Aramid Yarn
Cable Type	900um Tight Buffered
Outer Jacket Color	Orange
Outer Jacket	Riser Rated

Rev.

Description

Date

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04-2023

Technical Parameter(2 Fiber Count)

Outer Diameter (mm)		4.4±0.2
Nomial Weight(kg/km)		13
Max.Tensile Strength(N)	Short-term	660
	Long-term	200
Min. Bending Radius (mm)	Short-term	20D
	Long-term	10D
Max.Crush Resistance		1000

Optical Characteristics

Fiber Type	OM1 62.5/125μm
Wavelength	850nm/1300nm
Attenuation(dB/km)	850nm ≤2.9 1300nm ≤0.6
Overfilled Modal Bandwidth (MHz.km)	1300nm ≥200 850nm ≥500
Cladding diameter(μm)	125±2.0
Cladding material	siO2
Cladding non-circularity(%)	≤1.0
Coating/cladding concentricity error(μm)	≤12.0
Coating diameter(μm)	245±10
Core diameter(μm)	62.5±2.5
Core non-circularity(%)	≤5.0
Core/cladding concentricity error(μm)	≤1.5
Optimized Data Rate over distance	300m @850nm 550m @1300nm

Item Number:	10F2-202NH	
Title:	2 Fiber Indoor Distribution Fiber Optic Cable, Multimode 62.5/125 OM1, Corning InfiniCor 300, Orange, Riser Rated, Corning Glass, Spool, 1000 foot	
Drawn by:	JL	 888-212-8295
Approved by:	MAC	
ID:	399	

No.

Specifications