Overview

CablewholesalePlenum Indoor/outdoor Tight-BufferedDistribution Cable contains 2 tight-buffered fibers bundled under the same jacket with aramid yarn strength members to stiffen the cable and prevent kinking. It is manufactured with an outer jacket that incorporates a UV stabilizer for protection against exposure to the sun.

RoHS

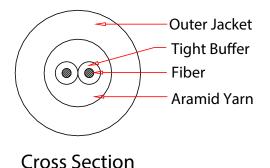
With aramid yam as a reinforcing member, the cable is light weight, softness and easy to peel. It is widely used as pigtails and jumpers for communication equipment.

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/agua
- Choice of jacket



ID:

Cable Parameters

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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	Black	
Outer Jacket	Plenum rated OFNP	

Technical Parameter(2 Fiber Count)

Date

04-2023

Description

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Outer Diameter (mm)		4.4±0.2		
Nomial Weight(kg/km)		19		
Max.Tensile Strength(N)	Short-term	660		
	Long-term	200		
Min. Bending Radius (mm)	Short-term	20D		
	Long-term	10D		
Max.Crush Resistance		1000		

Ontical Characteristics

Rev.

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Fiber Type	OM1 62.5/125μm
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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: 11F3-202NH 6 Fiber Indoor/Outdoor Fiber Optic Cable, Multimode Title: 62.5/125 OM1, Corning InfiniCor 300, Plenum, NFPA 262, Black, Spool, 1000ft Drawn by: Ш Approved by: MAC

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Environmental characteristics

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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

Specifications





