Rev.	Description	Date
A		06-2022

Overview

Cablewholesale Armored Fiber Optic Cable is used in building wiring applications.it can be Installed in walls, between floors, in plenum air handling ducts and under data center floors indoor or indoor/outdoor application. The armored cable consists of 0.9mm tight buffered fiber surrounded by yarn acting as a strength member.The core is protected by a spirally-wrapped steel tube that offers easy installation and high crush resistance.

Its structure contains stainless steel armor inside the jacket, this will help make the armored fiber patch cord resistant of high tension and pressure and it is not easy to break when bent or dragged. The stainless steel tube prevents optic fiber from damage that improves stability of the system.

Features

- It is flexible, anti-rodent, pressure resistance.
- The structure is Anti-rodent ringed steel protection & External reinforced aramid yarn protection
- High tensile strength, pressure resistant, rodent protected.
- Good mechanical and environmental characteristics
- Flame retardant characteristics
- Soft, flexible, easy to splice, and with big capacity data transmission
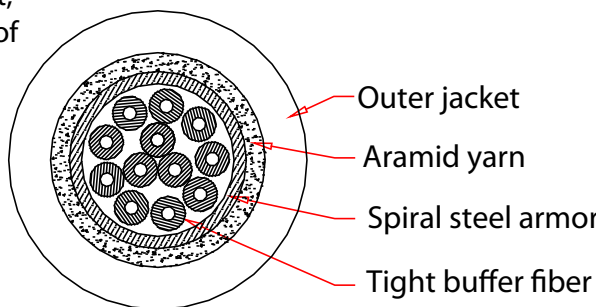- Anti rodent and UV stable

Application

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

RoHS

Cross Section

Outer jacket
Aramid yarn
Spiral steel armor
Tight buffer fiber

Optical Fiber Characteristics

Fiber Type	CORNING ClearCurve Multimode 50/125 OM3
Core Size	50um
Wavelength	850nm/1300nm
Max. Attenuation	(3.5/1.5)dB/km
Bandwidth(EMB) (High Performance)	850nm:2000MHz
Link Length(10Gb/s)	300Mtr.
Cladding diameter(um)	125±1.0
Core-Clad Concentricity	≤1.5 um
Cladding non-circularity(%)	≤1.0
Coating-Cladding concertricity(um)	≤12.0
Coating diameter(um)	242±5
Core diameter(um)	50.0±2.5um
Effective Group Index of Refraction(Neff)	850nm:1.482 1300nm:1.477
Fatugue Resistance Paremeter(Nd)	20
Temperature Dependence	-60~85℃
Temperature-humidity cycling	-10 to +85℃, 98% R.H.

Cable Parameters

Product	Multimode 50/125 OM3
Fiber Count	12 cores
Fiber Type	CORNING Glass
Cable Type	900um Tight Buffered
Tight buffer material	PVC
Strength Member	Aramid Yarn
Armor	Sprial steel armor
Cable Color	Black
Outer Jacket	Riser Rated

Technical Parameter

Fiber Count		12
Outer Diameter (mm)		7.0±0.3
Nomial Weight(KG/KM)		65
Max.Tensile Strength(N)	Short-term	1200
	Long-term	600
Min. Bending Radius (mm)	Dynamic	150
	Static	75
Max.Lateral Pressure N/100mm		3000

Item Number:	20F3-312NF
Title:	Armored 12 Fiber Indoor/Outdoor Fiber Optic Cable, Multimode 50/125 OM3, Corning, 10 Gbit, Black, Riser Rated, Spool, 500 foot
Drawn by:	JL
Approved by:	MAC
ID:	399

888-212-8295
CableWholesale.com

No.	Specifications