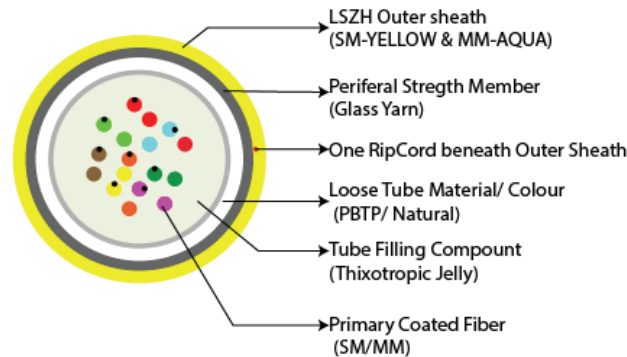


# LOOSE TUBE –GEL FILLED INDOOR/OUTDOOR CABLE



## DESCRIPTION

Datacom Glass Yarn Armored Uni tube cables offer up to 24 fibers in a compact cable construction. The range offers enhanced rodent protection and mechanical properties over the Duct-Grade Uni tube product range. Glass Yarn Armored Uni tube cables are suitable for internal/external duct and internal cable tray installations in building and campus backbone applications. Datacom unarmored, Rodent protected fiber optic cable containing up to 24 cores in Central tube construction. The offered cables are fully compliant with the relevant IEC specifications.

## APPLICATION

- Inside Duct pulled or blown
- In areas with rodents
- Building interconnection
- Campus backbone applications.
- Telecommunications
- Network wiring closets
- Audio / Video System
- Security System

## STANDARDS COMPLIANCE

- Single Mode: ITU-G652D/G657A1/A2
- Multimode: OM3/OM4/OM5
- Applicable Cable Standards: ISO/IEC 11801, IEC 60794
- Test Standards: IEC 60794-1-21 and IEC 60794-1-22

## FEATURES

- Lighter weight cable for faster and easier installation
- Particularly robust cable
- Loose buffer tubes fully filled and centrally placed in the cable.
- Up to 24 FIBRE enhance single mode fibers in full compliance with G652D/G657A1/A2
- Multimode- OM3/OM4/OM5
- Loose tube covered by dielectric fiber glass yarn.
- Outer Sheath of LSZH, SM-YELLOW & MM-AQUA
- Customizable fiber selection including single-mode, multimode and hybrid versions to suit a variety of applications
- Single gel-filled loose-tube to block the ingress of water
- Glass yarn armoring to offer higher strength and enhanced rodent protection
- Available in a range of sheath materials to suit a variety of installation environment
- 4-24 Fiber counts – color-coded according to TIA-598-D
- Customizable fiber selection including single-mode

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MECHANICAL CHARACTERISTICS	
Temperature Range (IEC 60794-1-2-F1)	-20° to +70°C
Cable Bending Radius (IEC 60794-1-2-E11A)	
During Installation	20 x D, D = Cable Diameter
Installed	15 x D, D = Cable Diameter
Repeated Bending (IEC 60794-1-2-E6)	30 Cycle, r= 20 X D, 10 Kg Load, D = Cable Diameter
Tensile Force (IEC 60794-1-2-E1)	750 N (Max)
Crush Resistance (IEC 60794-1-2-E3)	1000N (100X100 mm) for 600 sec
Impact Resistance (IEC 60794-1-2-E4)	Height 500 mm, Weight = 4 Kg, 3 Nos

COLOUR CODING (Color of Fibers in a Tube)	
4F Cable	Blue,Orange,Green & Brown
6F Cable	Blue,Orange, Green, Brown, Slate & White
8F Cable	Blue,Orange, Green, Brown,Slate,White,Red&Black.
12F Cable	Blue,Orange, Green,Brown,Slate,White,Red,Black, Yellow, Violet, Pink & Aqua
24F Cable	Blue,Orange,Green,Brown,Slate,White,Red,Black, Yellow,Violet,Pink & Aqua Blue with Black Ring,OrangewithBlackRing,Green with Black Ring, Brown with Black Ring Slate with Black Ring,White with Black Ring,Red with Black Ring, Yellow with Black Ring,Violet with Black Ring, Pink with Black Ring, Aqua with Black Ring and Natural

DELIVERY INFORMATION		
	Up to 12F	Up to 24F
Nominal Cable Weight with LSZH Sheath (Kg/Km)	50	60
Nominal Cable Diameter (mm)	6.5	7.5
Standard Length per Drum (Mtr)	2000 +/- 5 %	

## ORDERING INFORMATION

### Description

Datacom Central Loose Tube Glass Yarn Indoor/Outdoor Cable-LSZH

### Part No.

DC-FO-'xx-LT'yyIOZH-'bb

\*\* xx= Number of cores, (value ranges from 4 to 24), yy= 09 (Single mode) 50 (Multimode),bb= 7A (SM), M3 (OM3), M4 (OM4)