

# Stranded Loose Tube Dielectric Cable | FoMUTFVDC



✓ Outdoor / Indoor

✓ Single / Multi Tube

## DESCRIPTION

Optical cable has the structure that  $\varnothing$  250um optical fiber is sheathed in a loose tube made of high modulus material, and the loose tube is filled with waterproof compound.

The loose tube is coated with a layer of glass fiber reinforced elements and extruded with a layer of low smoke halogen-free material (LSZH, low smoke, halogen-free, flame retardant) sheath.

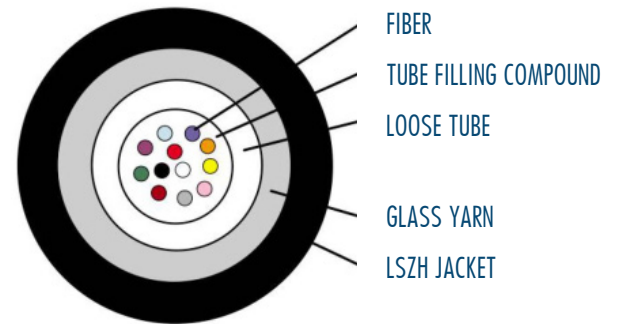
## CHARACTERISTICS

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Glass yarn strength member ensure tensile strength
- Crush resistance and flexibility

## STANDARDS

Reference with Standard YD/T1258.4-2005, ICEA-596, GR-409, IEC 60794, IEC 332-1 and IEC 332-3C

## CABLE STRUCTURE



## TECHNICAL PARAMETERS

Fiber Count	Cable Diameter (mm)	Cable Weight Kg/Km	Tensile Strength (Long/Short term N)	Crush Resistance (Long/Short term N/100mm)	Bending Radius Dynamic / Static mm
2-12	6.0 ± 0.3	43	200/660	300/1000	10D/20D
14-24	6.5 ± 0.3	48	400/1320	300/1000	10D/20D

Transport/Storage/Operating Temperature: - 20°C~ + 60°C | Installation Temperature: - 50°C- + 50°C

*Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.*