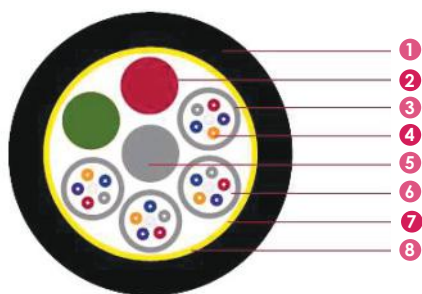


## ➤ Dielectric Loose Tube Unarmoured In/Out Optical Cable (GYFTY)

The cable is constructed with FRP Central Strength Member, two layer tubes with Jelly Compound for double water blocking, Aramid yarn strength member for better tensile strength and rodent protection, PVC outer Jacket with metric print. Non-metallic structure and good electro-magnetic resistance makes it a good choice for use in High voltage and thunder prone areas. The cable is suitable for indoor, outdoor and long distance communication system. The cable has options of LSZH, PE & Plenum outer jacket as per customer request.

The cable has excellent UV-stabilized and water blocking performance for outdoor duct application (PE outer jacket) or Indoor / Outdoor application (LSZH outer jacket). The cable combines robust characteristics of outdoor cable and flexibility of indoor cable. By installing this cable, costly splice at building entry can be avoided and cable can be routed from outside plant to telecommunication closets or main distribution frames (MDF) through the riser of building and eliminate "50 foot rule" for outdoor cables. The cable is mostly used in LAN application for intra building backbone and interconnections (Campus LAN).

### Cable Cross Section



1 Outer Jacket	2 Possible Filler	3 Loose Tube	4 Optic Fiber	5 Non Metal Strength
		6 Filling Compound	7 Aramid Yarn Strength	8 Water Blocking Tape

### Complied With Or Exceeds Standard

- ITU-T G652.D
- ITU-T G651.1 OM1 OM2 OM3 OM4
- IEC60793-2-10 type A1a.2 OM3
- ISO/IEC 11801 , ISO/IEC 24702
- ANSI/TIA/EIA 568C.3
- ITU-T G657.A
- IEC60793-2-10 type A1a.1/A1b OM1/OM2
- IEC60793-2-10 type A1a.3 OM4
- IEEE 802.3z Gigabit Ethernet
- ROHS Compliant Directive 2011/65/EU(ROHS2.0)

### Mechanical & Environmental Characteristics

ITEM	Value
Max. Tensile Load (Short Term)	3000N
Max. Tensile Load (Long Term)	1000N
Max. Crush Load (Short Term)	2000N/100mm
Max Crush Load (Long Term)	1000N/100mm
UL Fire Rated	OFNR
Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +85°C
Sheath Material	Standard: PE. Optional: LSZH or other

### Ordering Information