

➤ Steel Tape Longitudinal Armoured 2PE Sheath Optical Cable (GYTY53)

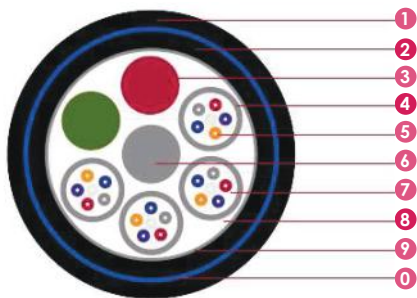
These cables are constructed with a multiple tube filled with water blocking jelly giving very high fiber count up to 144 fiber stranded fiber optic cable, they form the backbone of high speed networks. They give flexibility and versatility to networks and can be used for direct burial applications.

Non metallic FRP strength members in the cable give it good tensile strength, water blocking jelly in the tube and tape over the tube give it excellent water and moisture resistance. A corrugated steel armouring and two PE sheath give this cable excellent tensile strength, mechanical, rodent, ultraviolet and environmental protection.

They come in larger delivery length, so can also be used in long distance communication system, building interconnections, trunk lines, LAN, distribution networks.



Cable Cross Section



1 Outer Jacket	2 Corrugated steel tape	3 Possible filler	4 Loose Tube	5 Optical Fiber
6 Strength Member	7 Jelly Compound	8 Filling Compound	9 Waterproof Tape	10 Steel Tape armour

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)	3000N/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