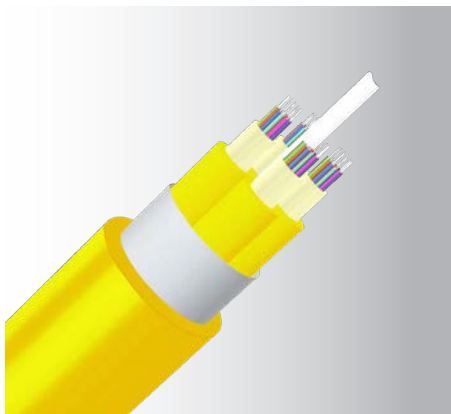


Optical Fibre Cables

Indoor Sub-Units Tight Buffered Distribution,
LSZH Sheathed (36 ~ 144 Fibres) Cable
Model Code: TB/GY/SU/LSZH/FRP/LSZH



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Application : This cable is primarily used in indoor and outdoor applications such as in LAN and data centres backbones, and to route between telecommunications rooms. It is suitable for installation in ducts and on trays.

- Construction :**
- 12 optical tight secondary buffered fibres [900µm OM1, OM2, OM3, OM4 multi-mode or OS2 (ITU-T G.652.D), ITU-T G.657.A1 single-mode] in a sub-unit of LSZH sheathed, which consists of up to 144 optical fibres of Max. 12 sub-units
 - Stranded around central strength member with water swellable material
 - UV resistant LSZH sheathed cable (Suitable for internal/external applications)

Sheath colour : As per the following table

Single-mode OS2	Yellow	RAL 1021
Multi-mode OM1	Orange	RAL 2003
Multi-mode OM2	Orange	RAL 2003
Multi-mode OM3 and OM4	Aqua	RAL 6027

Specification : IEC 60793, IEC 60794-2
Single-mode OS2: ITU-T G.650, ITU-T G.652, ISO/IEC 11801
Multi-mode OM1: ISO/IEC 11801
Multi-mode OM2, OM3, OM4: ITU-T G.651, ISO/IEC 11801
LSZH sheath: IEC 60754, IEC 61034-2, IEC 60332

Operating temperature : -40°C to 70°C

Storage temperature : -40°C to 70°C

Installation temperature : -10°C to 60°C

No. of Fibres	36	48	60	72	96	144
No. of Sub-units	6	4	5	6	8	12
No. of Fibres Per Sub-unit	6	12	12	12	12	12
Approx. Overall Diam. (mm)	16.4	16.1	16.0	19.6	23.0	30.4
Approx. Weight (kg/km)	202	199	202	318	406	695

Note: The information contained in the above table is subject to normal manufacturing tolerance. Specifications are subjected to change without notice.

Mechanical Properties

Max. Tensile Load (N)	400N
Crush Resistance (N/100mm)	1000N
Min. Installation Bending Radius (mm)	20 x OD
Min. Operation Bending Radius (mm)	10 x OD