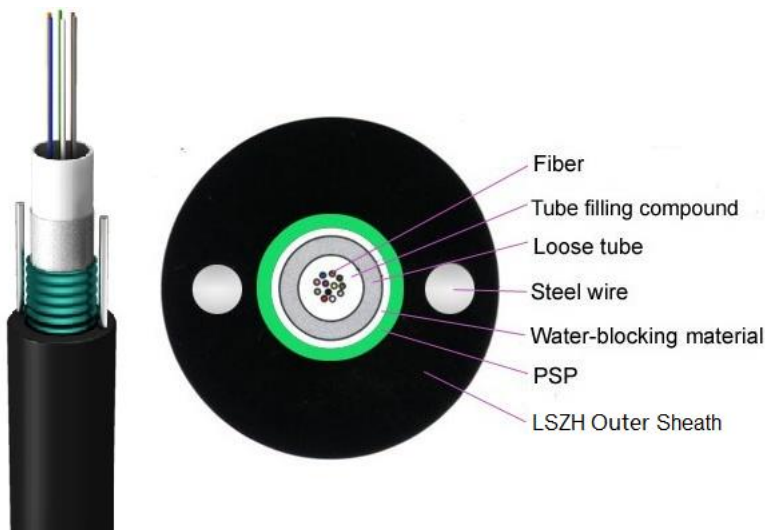


FIBRA ÓPTICA GYXTZW - 12 HILOS OM3 MULTIMODO LSZH

1. Cable Structure



2. Cable Specification

2.1 Cable Sheath Marking

Fiber Optic Cable GYXTZW-12OM3 LSZH OPNET 2018

Notes:

1. 12OM4 is 12 Fibers MM OM3
2. Mark on cable in each meter.
3. The color of marking is white

2.2 Color Arrangement 2.2.1

Fiber Color Arrangement

Fiber No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Grey	White
Fiber No.	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

2.3 Parameters

Physical Parameters	Fiber Count	12
	Fiber Type	MM 50/125UM OM3
	Cable Outer Diameter(O.D.)	8.3mm
	Cable Weight	85KG/KM
	Outer Jacket Thickness	2.2mm
	Operating temperature range	-10°C to +40°C
	Storage / Transport temperature range	-30°C to +60°C
	Installation temperature range	-10°C to +40°C
Mechanical Parameters	Tensile Strength(Short Term)	1500N
	Tensile Strength(Long Term)	900N
	Crush Resistance	1000N/100mm
	Bending Radius(Short Term)	20×O.D.
	Bending Radius(Long Term)	10×O.D.

Notes:

1. The nominal sheath thickness may vary by $\pm 0.2\text{mm}$.
2. The nominal outer diameter and weight may vary by $\pm 0.2\text{mm}$.

3. Fiber Specification

See the file: **MaxBand OM2 OM30 M4 GIMM Fibre.pdf**

4. Packing and Marking

4.1 Packing

4.1.1 Each single length of cable shall be reeled on **Fumigated Wooden Drum** suitable for long distance shipment.

4.1.2 Covered by plastic buffer sheet.

4.1.3 Sealed by strong wooden battens.

4.1.4 At least 1 m of inside end of cable will be reserved for testing.

4.1.5 Drum length

4.1.5.1 Standard drum length is **2000m±5%**;

4.1.5.2 Single length not less than 90% of standard length per drum shall be permitted for quantity

not exceeding 10% of the total supply;

4.1.5.3 Total quantity is at least the ordered quantity.

4.2. Drum Marking

4.2.1 Cable drum

- Manufacturer brand;
- Roll-direction arrow;
- Cable outer end position indicating arrow;
- The word "**OPTICAL FIBER CABLE**";
- Origin, The word "**MADE IN CHINA**";
- Caution plate indicating the correct method for loading, unloading and convey the cable;
- *Other customer information such as contract no., project no., and delivery destination. (if needed)*

4.2.2 Marking plate

- Product name;
- Cable type and size;
- Drum length;
- Gross / Net weight in kilograms;
- Drum number in meters;
- Manufacturer's name;
- Manufacturing year and month;
- *Project number, contract number or purchasing order number (if needed).*

4.3 Cable quality certificate documents

- Test report.