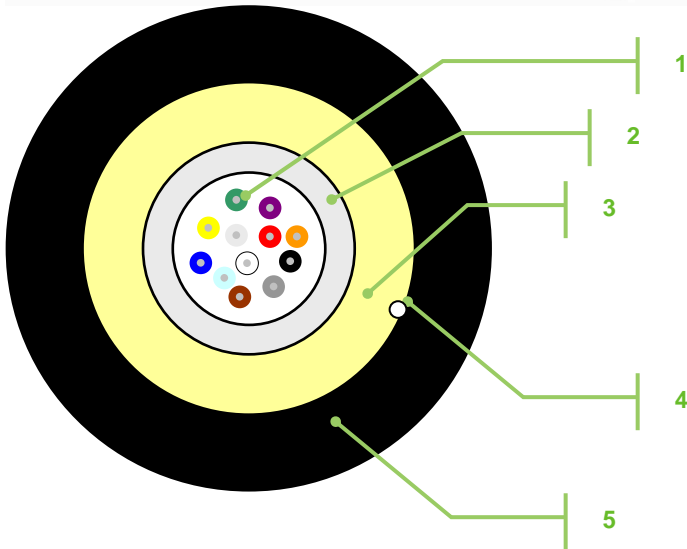


REF : INTEXX

Central Loose tube fiber optic glass yarn reinforced cable – LSZH jacket



- 1. Fiber optic
- 2. Central loose tube
- 3. Glass yarn reinforcement
- 4. Rip cord
- 5. LSZH outer jacket

Color code of the fibers is as per TIA/EIA 598A and IEC 304.

Tube/Fiber Number	Colour	Ring
1	Blue	-
2	Orange	-
3	Green	-
4	Brown	-
5	Grey	-
6	White	-
7	Red	-
8	Black	-
9	Yellow	-
10	Violet	-
11	Pink	-
12	Turquoise	-
13	Blue	Black
14	Orange	Black
15	Green	Black
16	Brown	Black
17	Grey	Black
18	White	Black
19	Red	Black
20	Natural	Black
21	Yellow	Black
22	Violet	Black
23	Pink	Black
24	Turquoise	Black

Applications

This cable can be use indoor or outdoor.

Single mode or multi-mode fibers, meeting or exceeding the pertinent IEC*, ITU and EIA/TIA specifications

Up to 24 fibers (1) are enclosed in a single PBT loose tube (2). The tube is filled with water-blocking, thixotropic gel to prevent the ingress of water. The fibers are colour coded for easy identification.

Dry water-swelling glass yarn (3) is laid over the tube to serve as peripheral strength members and to block the cable from water penetration. LSZH jacket (5) is extruded over the glass yarns to form the cable jacket.

Ripcord (4) is provided under jacket to facilitate jacket removal.

(*)For more specifications please refer to the document titled « optical performances ».


REF : INTEXX

Central Loose tube fiber optic glass yarn reinforced cable – LSZH jacket

Mechanical and environmental properties

							IEC-60794-1-2 Test Method	TIA/EIA-455 FOTP No.
No. of Fibers	2	4	6	8	12	24		
No. of Tubes	1	1	1	1	1	1		
Nom. Tube Diameter [mm]	3.1	3.1	3.1	3.1	3.1	4.2		
Nom. Diameter [mm]	6.5	6.5	6.5	6.5	6.5	8.1		
Nom. Jacket Thickness [mm]	1.0	1.0	1.0	1.0	1.0	1.4		
Maximum Pulling Load	1200 N	1200 N	1200 N	1200 N	1200 N	1200 N	E1	33
Minimum Bending Radius	20 x D							
Max. Compressive Loading	3000 N	3000 N	3000 N	3000 N	3000 N	3000 N	E3	41
Fire Resistance	IEC 60 332-1							
Storage Temperature Range	- 40° C to +70° C							
Operating Temperature Range	- 20° C to +70° C							
Nom. Weight [kg/km]	35	37	39	41	45	62		

References

Reference	Designation	JACKET COLOUR	 (m)
INTEXX	xx FO 62.5/125 OM1 LOOSE TUBE INT/OUT LSZH	BLACK- RAL 9005	T1000
INTEXX50	xx FO 50/125 OM2 LOOSE TUBE INT/OUT LSZH	BLACK- RAL 9005	T1000
INTEXX50OM3	xx FO 50/125 OM3 LOOSE TUBE INT/OUT LSZH	BLACK- RAL 9005	T1000
INTEXX50OM4	xx FO 50/125 OM4 LOOSE TUBE INT/OUT LSZH	BLACK- RAL 9005	T1000
INTEXX9125	xx FO 9/125 OS2 LOOSE TUBE INT/OUT LSZH	BLACK- RAL 9005	T1000
INTEXX9125G657	xx FO 9/125 G657 LOOSE TUBE INT/OUT LSZH	BLACK- RAL 9005	T1000

X = Number of fiber