4.8mm Round Indoor/Outdoor fiber optical cable 2 fibers LSZH Black

Outer jacket LSZH

900u tight buffer fiber

Aramid yarn
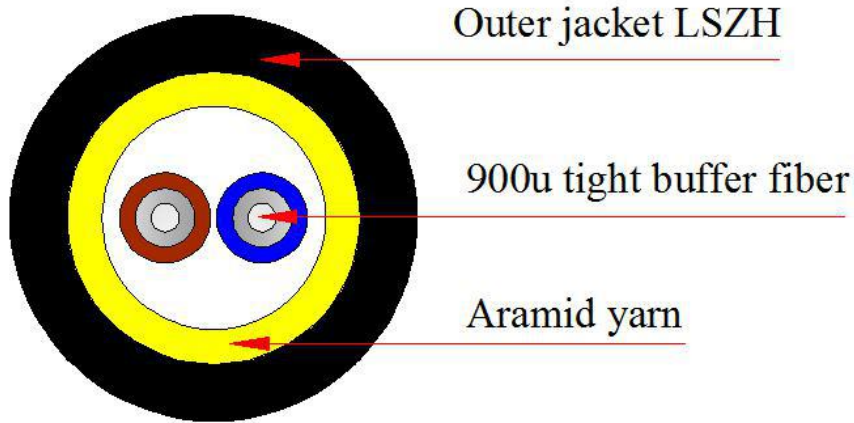
Features:

Good mechanical and temperature characteristics.

Good lateral compression and flexibility.

Small diameter, light weight, easy to connect, and support large capacity data transmission.

Outer jacket material has the advantages of water proof, flame retardant, environmental protection.

Application

Remote base station communication such as RRU or BBU

Smart substation and CATV Outdoor application

Emergency access to optical fiber communication

Used for computer room communication, fiber tail and jumper cable in distribution frame

Used in FTTX, from residence to data center and cabling level and vertical, also used in FTTH cable

Each requirement

1– Fiber count-----2

2–Tight buffer fiber---- Tight buffer fiber----OD=0.85±0.05mm, Material: PVC, Color: Blue or orange

3–Aramid yarn :1000D,.

4–Out jacket-----OD=4.8±0.2mm ,Material: LSZH, Color: Black, Thickness   1.0±0.10 mm

Cable Parameters

Cable Count	Out sheath Diameter MM)	Weight KG)	Minimum allowable Tensile Strength (N)		minimum allowable Crush Load N/100mm)		Minimum Bending Radius (MM)		Storage temperature
			short term	long term	short term	long term	short term	long term	
2	4.8±0.2	28.5	800	200	1000	500	20D	10D	-20--+70

The true weight of optical cable may had some tolerance with the above stated value.

Fiber characteristic

Fiber type	Attenuation				OFL bandwidth	Effective model bandwidth	10G Ethenet SX	Min bend radius
Conditions	1310/1550nm		850/1300nm		850/1300nm	850nm	850nm	/
	Typical	Maximum	Typical	Maximum				
Unit	dB/km	dB/km	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22	0.4/0.3	---	---	---	---	---	16
G657A1	0.36/0.22	0.4/0.3	---	---	---	---	---	10
G657A2	0.36/0.22	0.4/0.3	---	---	---	---	---	7.5
50/125	---	---	3.0/1.0	3.5/1.5	≥500/500			30
62.5/125	---	---	3.0/1.0	3.5/1.5	≥200/500			30
OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	30
OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	30
BI-OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	7.5
BI-OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	7.5

Delivery length

500M/reel, other length available on request

Cable Sheath marking

White color printing at each meter distance of cable sheath

The standard printing contents are as below, alternative contents available on request.

Meter mark

Model name of cable
Fiber count

Manufacturer name (alternative name and/or brand available on request)
Manufacture date

Labelling of wooden reel

The standard label contents are as below (alternative labelling available on request).

Model name of cable
Fiber count

Length of cable packed on
reel Gross weight KGS

Total no. of reel of the batch of
cargoes Manufacture month and year