

Features

- Standard 04-12C
- Central code the design
- Meet the fire performance test of IEC60332-1
- Rodent protection
- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Aramid yarn strength member ensure tensile strength
- Crush resistance and flexibility

Technical Data-Construction

Loose tube material :	PBT
Water blocking material	Fiber filling
Core reinforce:	Aramid yarn
Out jacket thickness:	LSZH/Black
Jacket thickness:	Average 1.6mm
Cable diameter	02-12C 6.2mm 0.4mm 14-24C 7.2mm+0.4mm
Cable weight kg/km	02-12c 42kg 14-24C 59kg
Temperature Rating Operation	-20°C to +60°C
Temperature Rating Storage	-20°C to +60°C

Applications

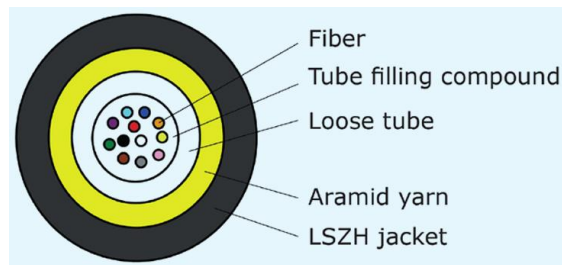
- Inter-buildings
- Backbone premise pathways
- Drop ceiling
- 10Gbps Ethernet
- 550MHz Broadband Videos
- Indoor/Outdoor in ducts
- Internal wiring/Fan-outs

Standards

- GR-409
- ICEA-596
- Meet the fire performance test of IEC332-3C
- IEC 60794
- IEC332-1

Technical Data- Mechanical

Max. loading (IEC794-1)	
Installation	400N
Operation	1000N
Min. bend radius(IEC794-1)	
Dynamic (mm)	20*D
Static (mm)	10*D
Crush resistance (IEC794-1)	Short term 1000N/100mm
	Long term 100N/100mm



Technical Data- Mechanical

Fiber type		OS2		OM4		OM3		OM2		OM1	
		1310nm	1550nm	850nm	1300nm	850nm	1300nm	850nm	1300nm	850nm	1300nm
Attenuation (db/km)	Typical	0.36	0.22	3	1	3	1	3	1	3	1
	Maximum	0.5	0.4	3.5	1.5	3.5	1.5	3.5	1.5	3.5	1.5
Bandwidth (Mhz-km)	@850nm	≥3500 Mhz		≥1500 Mhz		≥500 Mhz		≥200 Mhz	
	@1300nm	≥500 Mhz		≥500 Mhz		≥500 Mhz		≥600 Mhz	

Part No:	Description
109-12206	6C INDOOR FIBER CABLE 50/125 MM OM3 - LSZH