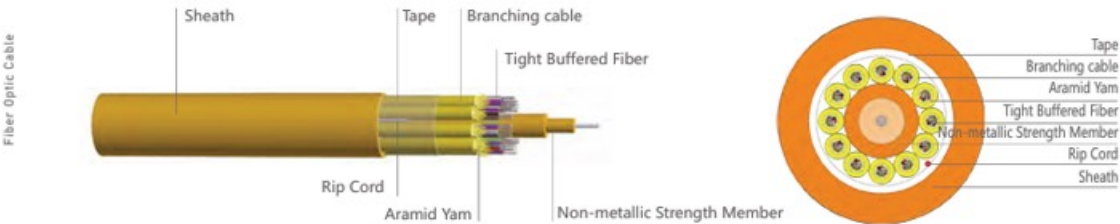


INDOOR MULTI-BRANCH OPTICAL FIBER CABLE

High Density Tight Buffered Indoor Fiber – Up to 144 Cores

Indoor Multi-branch Optic Fiber Cable

Photo



APPLICATION

- Indoor cabling
- Data centers
- High density fiber systems
- Backbone distribution

KEY FEATURES

- Multi-branch tight buffered structure
- Aramid yarn strength member
- Compact circular cable design
- Flexible and easy installation
- Up to 144 cores

CABLE CONSTRUCTION

Component	Specification
Fiber Type	OS2 / OM1 / OM2 / OM3 / OM4
Structure	Multi-branch tight buffered
Strength Member	Aramid Yarn
Rip Cord	Yes
Outer Sheath	PVC / LSZH
Core Count	Up to 144 cores

STANDARDS

YD/T 1258-2003
GB/T 9771-2008
TIA/EIA-598

CASITEK | Indoor Multi-branch Optical Fiber Cable

OPTICAL PERFORMANCE

Parameter	OS2	OM1	OM2	OM3/OM4
Wavelength (nm)	1310/1550	850/1300	850/1300	850/1300
Attenuation (dB/km)	≤0.35/0.22	≤3.5/2.2	≤3.5/2.2	≤3.5/2.2
Bandwidth (MHz·km)	—	≥200/200	≥500/1000	≥2000/500

MECHANICAL PERFORMANCE

Parameter	Value	Condition
Tensile Strength	≤660N	Installation
Tensile Strength	≤200N	Operation
Crush Resistance	≤1000N	Short term
Crush Resistance	≤300N	Long term

PERFORMANCE TABLE (SUMMARY)

Test	Standard	Result
Tensile Test	IEC	Pass
Crush Test	IEC	Pass
Temperature	IEC	Indoor Ready
Flexibility	Internal	Excellent