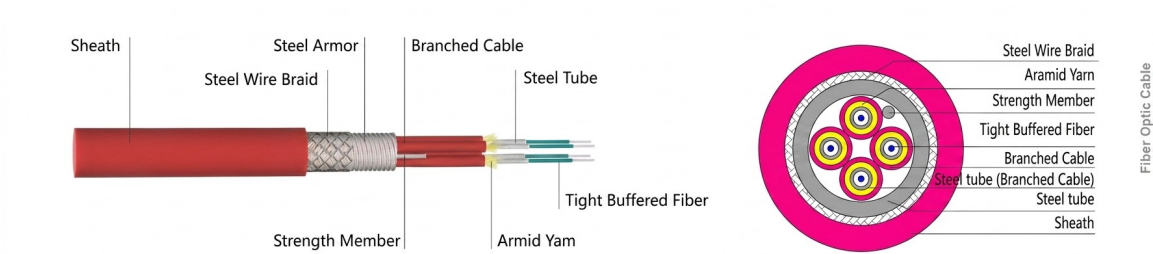


FLEXIBLE ARMORED OPTICAL FIBER CABLE (GYJFJKY)

Indoor Armored Fiber – High Mechanical Protection

Flexible Armored Optic Fiber-GJYFJKY

Photo



APPLICATION

- Indoor cabling
- Harsh environment installation
- Data centers & backbone
- Industrial fiber networks

KEY FEATURES

- Steel armored protection
- Excellent bending performance
- High tensile strength
- Durable LSZH sheath

CONSTRUCTION

Item	Specification
Fiber Type	OM1 / OM2 / OM3 / OM4 / OS2
Structure	Tight Buffered Fiber
Armor	Steel wire braid / Steel tube
Strength Member	Aramid Yarn
Sheath	LSZH
Core	4-12 core typical

STANDARDS

YD/T 2488-2013
GB/T 9771-2008
TIA/EIA-598

OPTICAL PERFORMANCE

CASITEK | Flexible Armored Optical Fiber Cable - GYJFJKY

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	≥500/500	≥2000/500

MECHANICAL PERFORMANCE

Parameter	Value	Remark
Installation Tension	≤400N	Short term
Operation Tension	≤200N	Long term
Crush Resistance	≤3000N	Short term
Crush Resistance	≤1000N	Long term

PERFORMANCE TABLE

Test	Standard	Performance
Tensile Strength	IEC	≤400N
Crush Test	IEC	≤3000N
Temperature	IEC	-10~60℃
Bending	IEC	Excellent