Tight Buffer Spiral Armored Cable
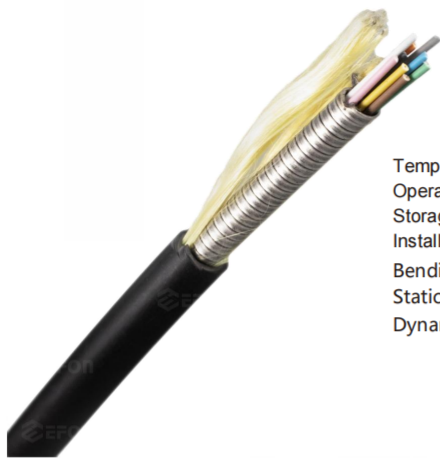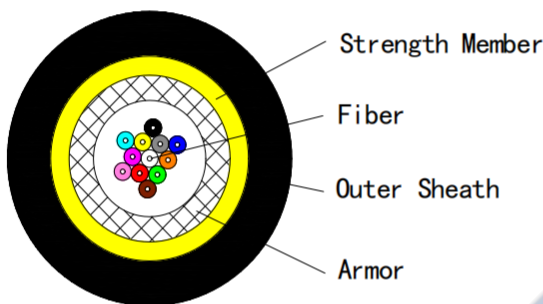
Temperature Range
Operating : -40ºC to +70ºC
Storage   : -50ºC to +70ºC
Installation : -30ºC to+70ºC
Bending Radius:
Static   10D
Dynamic   20D

Description

EFON GYFJKV Spiral Armored Cable is designed for Outdoor/ Indoor install which fiber counts up to 24fibers, φ900μm or φ600μm tight buffer fibers are wrapped a layer of flat stainless steel wires and then add a layer of aramid yarn as strength unit, finally into fiber optic cable with PVC or LSZH sheath.

Product Construction

Fiber:
1-24 fibers
900um tight buffer fiber
Armor:
Spiral Steel Armored
Strength Member:
Aramid Yarn
Outer Jacket:
Black UV and moisture-resistant polyethylene (PE).

Features

Water blocking fiber glass yarn provide waterproof and high tensile strength. Water blocking tape provide for double protection and safety for outdoor environment. Corrugated steel tape armor provide high crush protection. Anti rodent. Compact, soft, flexible, easy to install. .

Applications

Used in access network or as access cable from outdoor to indoor in customer premises network. Used as access building cable in premises distribution system, especially used in indoor or outdoor aerial access cabling

Cable Structure

- Strength Member
- Fiber
- Outer Sheath
- Armor

Optical Characteristics

Fiber Type	Attention				Overfilled Launch Bandwidth	Effective Modal Bandwidth	10Gb/s Ethernet link length	Min Bending Radius
Conditions	1310/1550nm		850/1300nm		850/1300nm	850nm	850nm	/
Unit	dB/km	dB/km	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22							16
G657A1	0.36/0.22	0.5/0.4	---	---	---	---	---	10
G657A2	0.36/0.22	0.5/0.4	---	---	---	---	---	7.5
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

Structure and Technical Specifications

Fiber Count	Nominal Diameter (mm)	Cable Weight (kg/km)	Tensile Strength (N)		Crush Resistance (N/100mm)	
			Short Term	Long Term	Short Term	Long Term
1	3.0	15	200	100	3000	2000
2	3.3	22	200	100	3000	2000
≥12F	Avaliable upon customer´s request					

Note：This datasheet can only be a reference, but not a supplement to the contract. Please contact our sales people for more detailed information.