

Armored Fiber Optic Patch Cable

FO-SCASCA6F-A

FO-SCASCA10F-A

Steel Armored Fiber Optic Patch Cable, SC/APC

- Pre-terminated Cable allows for implementing Plug and Play Solutions
- Provides an additional layer of protection through a flexible spiral steel armor and durable outer jackets, ensuring reliability in harsh industrial environments.



General Product Specification

Product Model	FO-SCASCA6F-A	FO-SCASCA10F-A
Fiber Cable Length (ft)	6	10
Connector type	SC	
Polishing	APC	
Connector Flame Rating	UL-94-V0	
Insertion Loss (dB)	≤ 0.3	
Return Loss (dB)	≥ 50	
Fiber Category	Single Mode G657A2	
Tight Buffer Material	PVC	
Tight Buffer Diameter (mm)	0.9 ± 0.05	
Fiber Material	Aramid Yarn	
Jaket	Yellow LSZH	
Armored Tube	304 Stainless Steel	
Cable Diameter (mm)	5.0 ± 0.2	

Tensile Strength	Length of the cable under tension: ≥50m.
	Tensile load and duration: long term tensile force: 800N for 1min
	With the long-term tensile force, fiber additional attenuation absolute value should be ≤0.03dB/km, no pre-tension to the cable allowed
Crush Resistance	Refer to IEC 60794-1-2 E3, short-term: 2000N/100mm, long-term: 4000N/100mm, interval≥ 500mm, time of duration 60s, 3 Times, No visual damage to Sheath

Mechanical Specification

Shipping Dimension (in/mm)	TBD
Shipping Weight (lb./kg)	TBD
Cable Length (ft./mm)	6ft and 10ft. Can be customized
Bending Radius	Less than 20 times the diameter of the cable

Environment & Compliance

Application	Outdoor / Indoor
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C
Relative Humidity	5 to 90%

Outline Drawing

