


The Prolink logo features the word "PROLINK" in a bold, white, sans-serif font. A white, curved line arches over the letters "O" and "L", and another white, curved line arches under the letters "I" and "N".

PROLINK

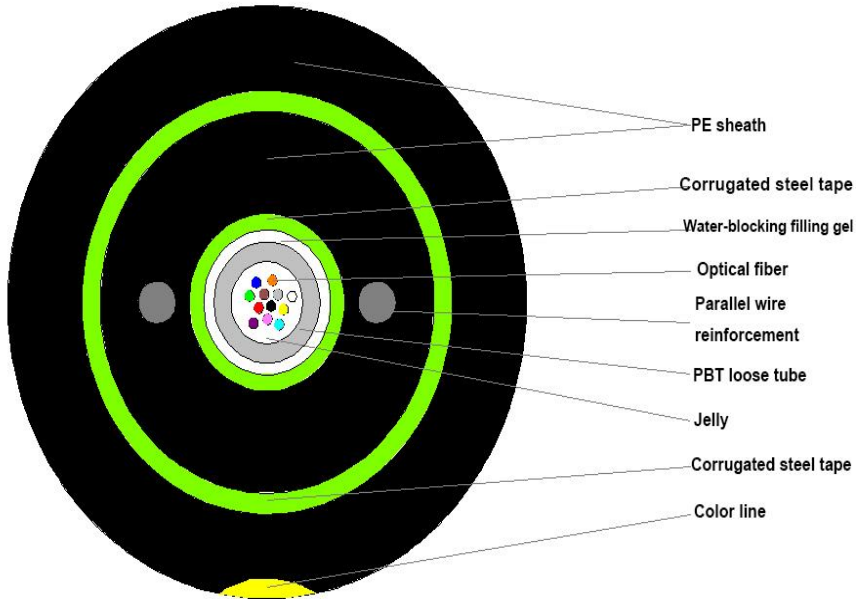
A close-up photograph of a network switch or patch panel. The device is a light-colored metal rack-mountable unit. It features multiple rows of blue RJ45 ports and fiber optic ports. Several yellow fiber optic cables are plugged into the ports. A white label on the front of the unit reads "FIO 12 CUP". The lighting is dramatic, with a bright yellow light source creating a strong glow and lens flare effect across the scene.

We provide our customers with exceptional PRODUCTS in accordance with the highest international standards and also provide SERVICES that meets our customers' needs or exceeds their expectations.

Powered by: The Prolink logo, consisting of the word "PROLINK" in a bold, white, sans-serif font, with a white, curved line arching over the "O" and "L", and another white, curved line arching under the "I" and "N".

Discription

ProLink Double ARMOR Fiber CABLE 12-CORE SM9/125 OD:12.5MM steel wire



Items		Unit	Specifications 9/125
Cladding Diameter		μm	124.8±0.7
Core Non-Circularity		%	≤0.7
Core-Cladding Concentricity Error		μm	≤0.5
Coating Diameter		μm	245±5
Coating Non-Circularity		%	≤6.0
Cladding-Coating Concentricity Error		μm	≤12.0
Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
Mode Field Diameter	1310nm	μm	9.2±0.4
	1550nm	μm	10.4±0.5
Attenuation (max.)	1310nm	dB/km	≤0.36
	1550nm	dB/km	≤0.22

Cable Parameter

Fiber Count	Speci cations	
Fiber Count	12	
Colored Coating Fiber	Dimension	250μm±15μm
	Color	Blue, orange, green, brown, gray, natural color, Red, black, yellow, purple, pink, aqua blue
Loose Tube	Dimension	2.0mm±0.1mm
	Material	PBT
	Tube color	Blue, orange, green, brown
	Loose tube number	1
	Filling rope number	1
	Fiber in loose tube number	12
Material of reinforcement	Phosphating steel wire 1.0mm	
Outer / Inner Jacket	Dimension	Inner1.6mm±0.10mm/Outer1.7mm±0.10mm
	Material	HDPE
	Sheath color	Black
	Line color	Yellow
Flame retardant		
Sheath outer diameter:	12.5mm±0.2mm	

Mechanical and Environmental Characteristics

Items	Unit	Speci cations
Tension (Long Term)	N	600
Tension (Short Term)	N	1500
Crush (Long Term)	N/100mm	300
Crush (Short Term)	N/100mm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70
Standard	IEC, EIA/TIA 455	
Fracture elongation of sheath	≥350	
Tensile strength of sheath	12.0Mpa	