


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

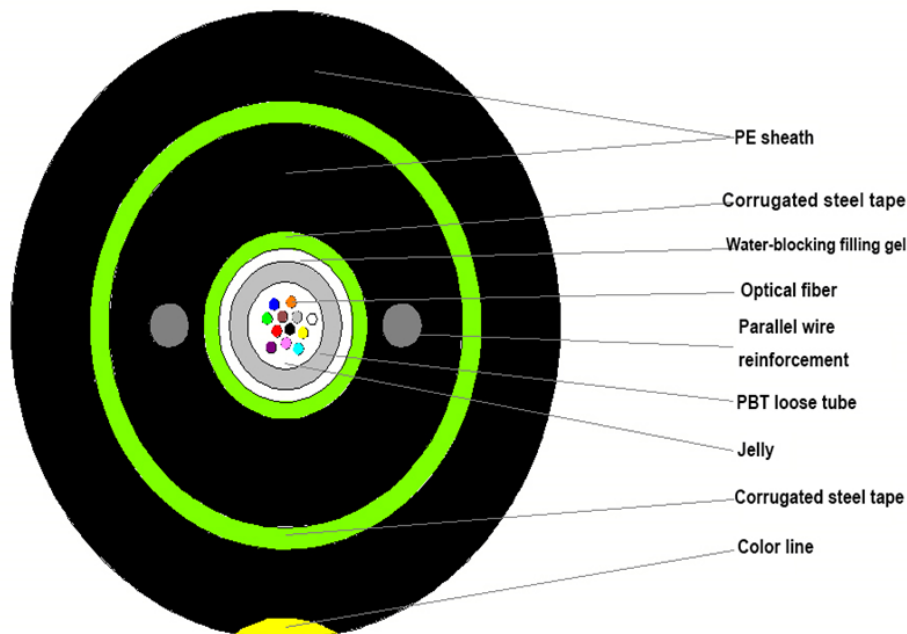
A close-up, low-angle shot of a network switch or patch panel. The device is a tan-colored metal rack with multiple rows of blue fiber optic ports. Numerous yellow fiber optic cables are plugged into the ports, creating a dense array of connections. The lighting is dramatic, with a bright yellow light source from the left casting a strong glow across the cables and the switch's surface. The background is dark, making the illuminated components stand out.

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.

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Discription

ProLink Double ARMOR Central Loose Tube Cable 24-CORE Single Mode , LSZH, OS2 , 9/125 PER METER
OD:10MM



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	Acc≤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	Specifications	
Fiber Mode	Single Mode	
Fiber Type	OS2	
Fiber Count	24	
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±0.5mm
	Material	PBT
	Tube color	Blue, orange, green, brown
	Loose tube number	2
	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	Specifications
Environmental Space	Low Smoke Zero Halogen (LSZH)	
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	