

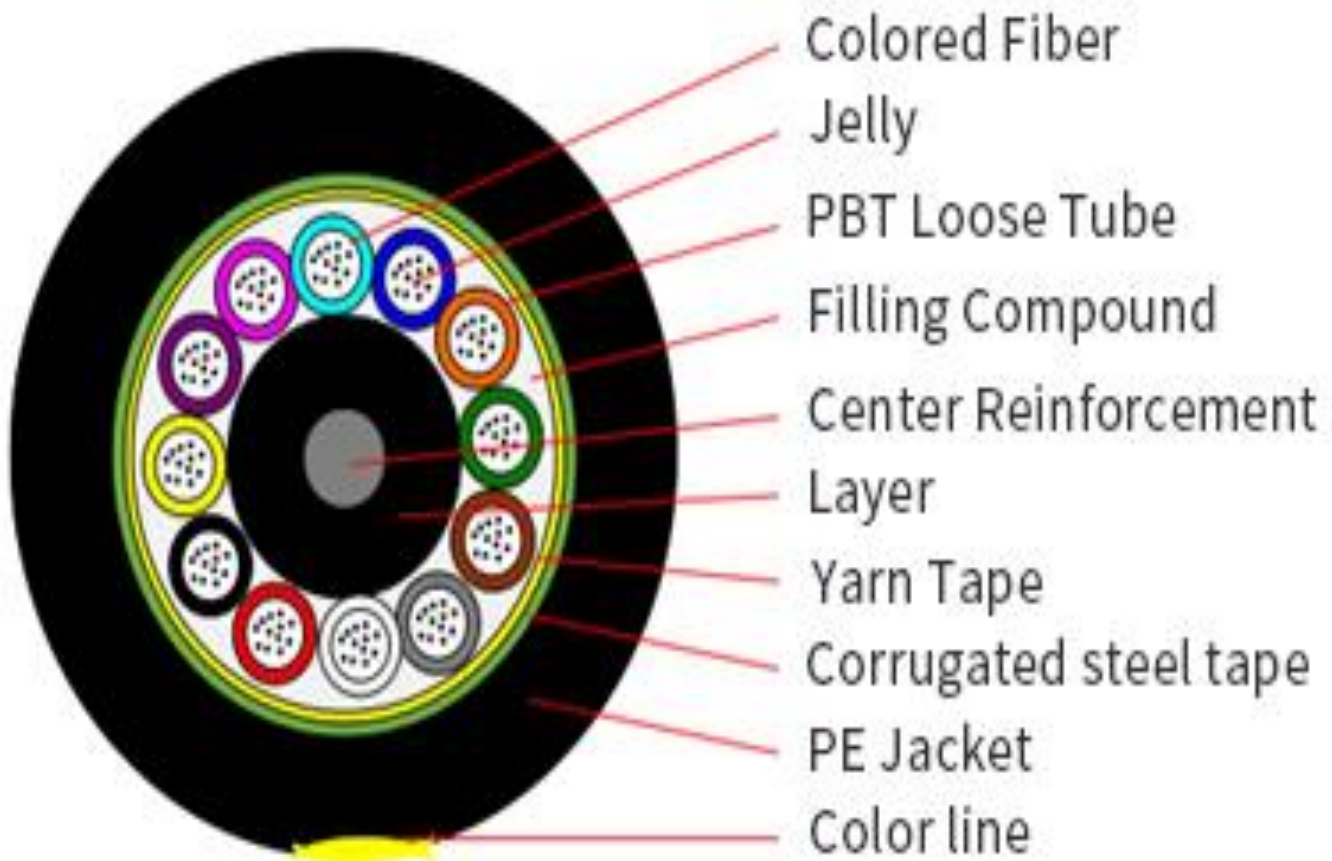


We provide our customers with exceptional PRODUCTS in accordance with the highest international standards and also provide SERVICES that meets our customers' needs or exceeds their expectations.

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Discription

ProLink Fiber CABLE 144-CORE OS2-9/125



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	λ _{cc} ≤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 Count	144	
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	12
	Filling rope number	0
	Fiber in loose tube number	12
Material of reinforcement	Phosphating steel wire 1.6mm	
Outer / Inner Jacket	Dimension	Inner1.6mm±0.10mm/Outer1.7mm±0.10mm
	Material	MDPE
	Sheath color	Black
	Line color	Yellow
Flame retardant		
Sheath outer diameter:	14mm±0.3mm	

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	℃	-20~+60
Operating Temperature	℃	-40~+70
Storage Temperature	℃	-40~+70
Standard	IEC, EIA/TIA 455	
Fracture elongation of sheath	≥350	
Tensile strength of sheath	12.0Mpa	