



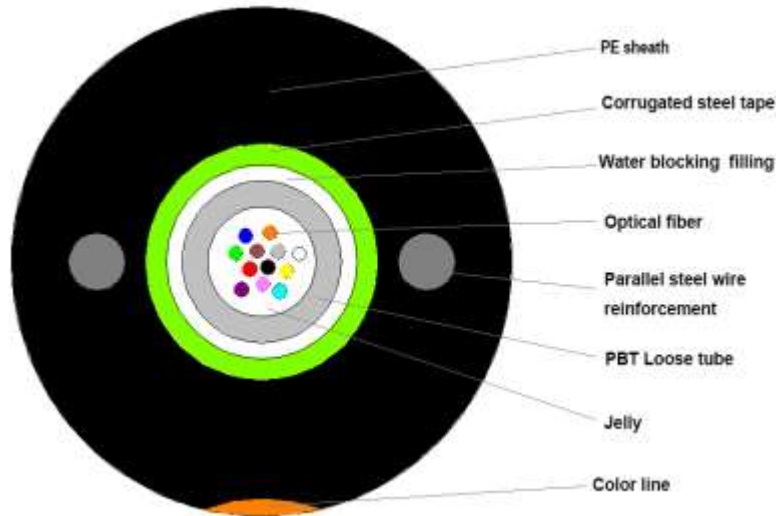
# PROLINK

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ProLink OM4 Single ARMOR CENTRAL LOOSE TUBE CABLE 12-CORE MULTI MODE 50/125 PER METER OD:10MM



Items		Unit	Specifications 50/125
Core Diameter		μm	50.0±2.5
Cladding Diameter		μm	124.8±1.0
Cladding Non-Circularity		%	≤1.0
Core-Cladding Concentricity Error		μm	≤1.5
Coating Diameter		μm	245±7
Coating Non-Circularity		%	≤6.0
Cladding-Coating Concentricity Error		μm	≤12.0
Bandwidth(min.)	850nm	MHz·km	600
	1300nm	MHz·km	1200
Attenuation Coefficient	850nm	dB/km	≤3.5
	1300nm	dB/km	≤1.5

## Cable Parameter

Fiber Count	Speci cations	
Fiber Count	12	
Colored Coating Fiber	Dimension	250µm±15µm
	Color	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Aqua
Loose Tube	Dimension	2.10mm±0.05mm
	Material	PBT
	Color	Natural
Strength Member	Diameter	1.0mm
	Material	Steel
Outer Jacket	Dimension	9.0mm±0.3mm
	Material	PE
	Color	Black with purple

## Mechanical and Environmental Characteristics

Items	Unit
Tension (Long Term)	1201 N   269.996 lbf
Tension (Short Term)	2002 N   450.068 lbf
Minimum Bend Radius, loaded	231.1 mm   9.098 in
Minimum Bend Radius, unloaded	170.2 mm   6.701 in
Installation Temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Operating Temperature	-10 °C to +70 °C (+14 °F to +158 °F)
Storage Temperature	-10 °C to +70 °C (+14 °F to +158 °F)