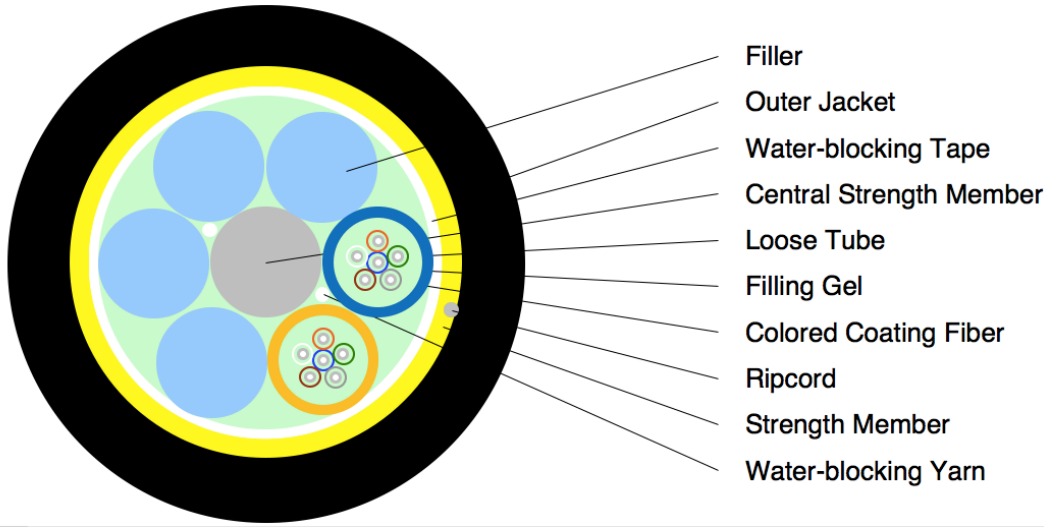


ADSS 12 FIBER 100 MTS SPAN



Fiber Parameters			
Items		Unit	Specifications
Mode Field Diameter	1310nm	um	9.2 ± 0.4
	1550nm	um	10.4 ± 0.5
Cladding Diameter		um	124.8 ± 0.7
Cladding Non-Circularity		%	≤0.7
Core-Cladding Concentricity Error		um	≤0.5
Coating Diameter		um	245 ± 5
Coating Non-Circularity		%	≤6.0
Cladding-Coating Concentricity Error		um	≤12.0
Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
Attenuation (max)	1310nm	dB/km	≤0.36
	1550nm		≤0.25

Items		Specifications
Fibers		12
Colored Coating Fiber	Dimensions	250um ± 15um
Loose tube	Dimensions	2.1mm ± 0.1mm
	Material	PBT
	Color	Blue, Orange
Filler	Dimensions	2.1mm ± 0.1mm
	Material	PP
	Color	Natural, Natural
Central Strength Member	Material	FRP
	Diameter	2.3mm
Strength Member		Aramid Yarn
Outer Jacket	Dimensions	11mm ± 0.5mm
	Material	HDPE
	Color	Black

Mechanical and Environmental Characteristics	
Items	Specifications
Tension in Long term (N) - Working	2700
Tension in Short term (N) - Installation	890
Crush Resistance (N/10cm)	1000
Span (M)	100
Min. Bend Radius Dynamic (mm)	20D
Min. Bend Radius Static (mm)	10D
Installation Temperature (C)	-30 ~ +60
Operating Temperature (C)	-40 ~ +75