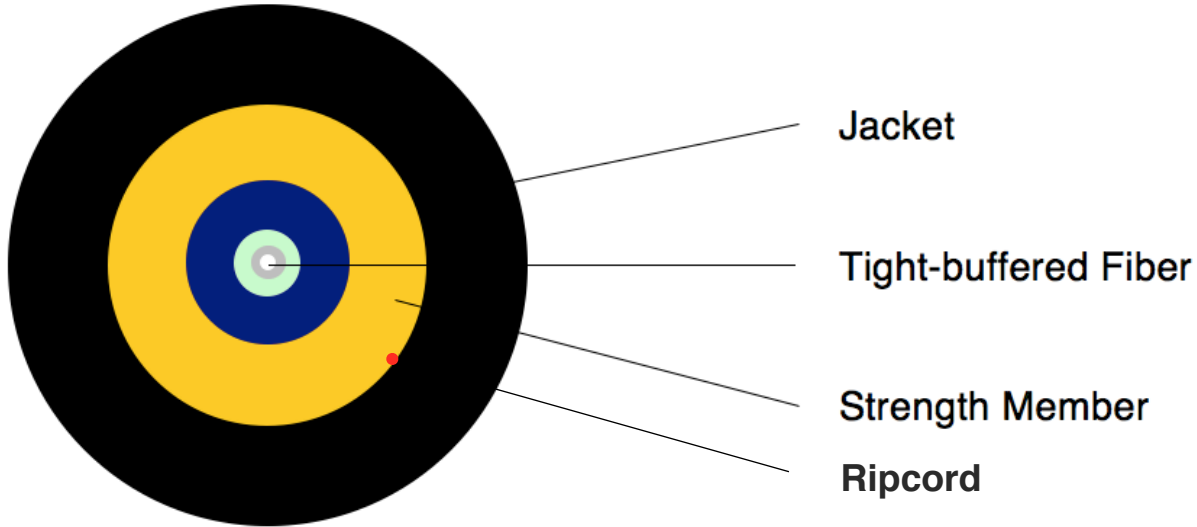


DROP CABLE G.657B3 1 FIBER



Fiber Parameters			
Items		Unit	Specifications (G.657B3)
Mode Field Diameter	1310nm	um	8.6 ± 0.4
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	1310nm	dB/km	≤0.35
	1550nm		≤0.21
Macro-Bending Loss	1 turn*5mm radius @1550nm (dB)		≤0.10
	1 turn*5mm radius @1625nm (dB)		≤0.25

Items		Specifications
Fibers		1
Tight-buffered Fiber	Dimensions	850 ± 50um
	Material	LSZH
	Color	BLUE
Strength Member	Material	Kevlar + Water-blocking yarns
Ripcord		
Outer Jacket	Dimensions	3.0mm ± 0.2mm
	Material	LSZH
	Color	Black

Mechanical and Environmental Characteristics	
Items	Specifications
Tension in Long term (N)	250
Tension in Short term (N)	500
Crush in Long term (N/10cm)	100
Crush in Short term (N/10cm)	500
Min. Bend Radius Dynamic (mm)	20D
Min. Bend Radius Static (mm)	10D
Installation Temperature (C)	-30 ~ +80
Operating Temperature (C)	-40 ~ +80
Storage Temperature (C)	-40 ~ +80