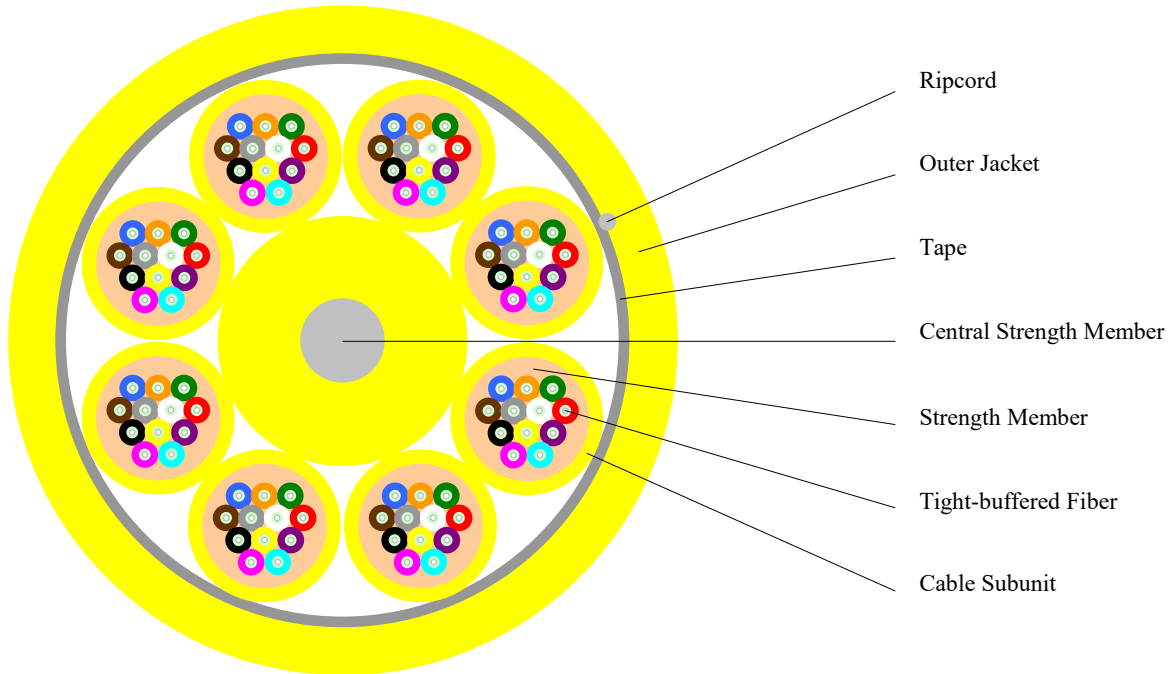


96-fibers Distribution Cable



Fiber Parameters

No.	Items		Unit	Specification
				G.652D
1	Mode Field Diameter	1310nm	μm	9.2±0.4
		1550nm	μm	10.4±0.5
2	Cladding Diameter		μm	124.8±0.7
3	Cladding Non-Circularity		%	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
9	Attenuation	1310nm	dB/km	≤0.8
		1550nm	dB/km	≤0.6

Cable Parameters

Item		Specifications
Fiber Count		96
Tight-buffered Fiber	Dimension	850 μ m \pm 50 μ m
	Material	PVC
	Color	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Cable Subunit	Dimension	5.5mm \pm 0.2mm
	Material	PVC
	Color	Yellow
	Strength Member	Polyester Yarn
	Printing Marks	(1) – (8)
Central Strength Member	Dimension	8.9mm \pm 0.2mm
	Material	FRP+ PVC
	Color	Yellow
Outer Jacket	Dimension	23.5mm \pm 1.0mm
	Material	PVC
	Color	Yellow

Mechanical and Environmental Characteristics

Item	Unit	Specifications
Tension (Long Term)	N	400
Tension (Short Term)	N	1320
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-10~+50
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60

For More Information:

Email: sales@telemax.cn

www.telemax.cn