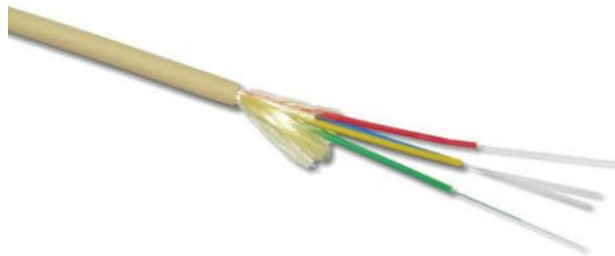


INDOOR Drop Cable



Fiber Parameters

No.	Items		Unit	Specification
				G.657A1
1	Mode Field Diameter	@1310nm	μm	8.6 ± 0.4
		@1550nm	μm	9.6 ± 0.5
2	Cladding Diameter		μm	125.0 ± 0.7
3	Cladding Non-Circularity		%	≤ 1.0
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	Fiber Curl Radius		m	≥ 4
9	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
10	Dispersion Value	@1550nm	ps/ (nm*km)	≤ 18
		@1288~1339nm	ps/ (nm*km)	≤ 3.5
		@1271~1360nm	ps/ (nm*km)	≤ 5.3
11	Zero Dispersion Wavelength		nm	$1300 \leq \lambda_0 \leq 1324$
12	Zero Dispersion Slope		ps/ (nm ² • km)	≤ 0.092
13	Polarization Mode Dispersion	PMD Link Design Value	ps/√km	0.2
		Maximum Individual Fiber PMD	ps/√km	0.08
14	Macro-Bending Loss	10turn × 15mm radius @1550nm	dB	≤ 0.25
		10turn × 15mm radius @1625nm	dB	≤ 1.0
		1turn × 10mm radius @1550nm	dB	≤ 0.75
		1turn × 10mm radius @1625nm	dB	≤ 1.5

15	Attenuation(max.)	@1310nm	dB/km	≤0.4
		@1550nm	dB/km	≤0.3

Cable Parameters

Items		Specifications
Fiber Count		2
Colored Coating Fiber	Dimension	250±15μm
	Color	Blue
Strength Member	Dimension	0.45mm
	Material	Steel
Jacket	Dimension	3.0±0.1mm×2.0±0.1mm
	Material	LSZH
	Color	Black/white

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	100
Tension (Short Term)	N	200
Crush (Long Term)	N/10cm	1000
Crush (Short Term)	N/10cm	2200
Min. Bend Radius (Dynamic)	mm	30
Min. Bend Radius (Static)	mm	15
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70