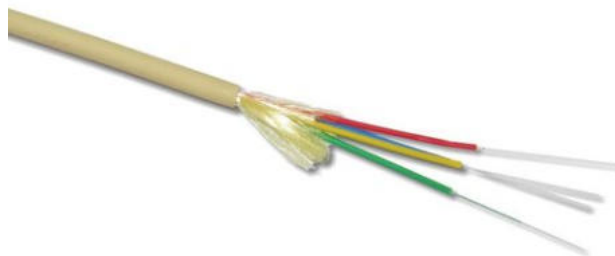


INDOOR Drop Cable



Models:

TS-2FDPSMNLZH	FTTH 2F G657A SM FRP strength member,LSZH jacket .indoor , Black color
TS-2FDPSMBLZH	FTTH 2FG657A SM FRP strength member,LSZH jacket.indoor, White color

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/ $\sqrt{\text{km}}$	0.2
		Maximum Individual Fiber PMD	ps/ $\sqrt{\text{km}}$	0.08
14	Macro-Bending Loss	10turn \times 15mm radius @1550nm	dB	≤ 0.25
		10turn \times 15mm radius @1625nm	dB	≤ 1.0
		1turn \times 10mm radius @1550nm	dB	≤ 0.75
		1turn \times 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