

GJFBZY-1B1



Fiber Parameters

No.	Items	Unit	Specification
1	Mode Field Diameter	1310nm	9.0±0.4
		1550nm	10.1±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	λ _{cc} ≤1260
9	Attenuation (max.)	1310nm	dB/km ≤0.35
		1550nm	dB/km ≤0.21
10	Macro-Bending Loss	1turn×10mm radius @1550nm	dB ≤0.75
		1turn×10mm radius @1625nm	dB ≤1.5

Cable Parameters

Items	Specifications
Fiber Count	4
Colored Coating Fiber	Dimension: 250±15μm Color: Blue, Orange, Green, Brown
Strength Member	Dimension: 0.5mm Material: FRP
Self-Supporting Member	Dimension: 1.0mm Material: Steel Wire
Jacket	Dimension: 5.2±0.2mm×2.0±0.1mm Material: LSZH

Items	Unit	Specifications
Tension (Long Term)	N	300
Tension (Short Term)	N	600
Crush (Long Term)	N/10cm	1000
Crush (Short Term)	N/10cm	2200
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	℃	-20~+60
Operating Temperature	℃	-40~+70
Storage Temperature	℃	-40~+70

GJFBZY-2B1



Fiber Parameters

No.	Items	Unit	Specification
1	Mode Field Diameter	1310nm	9.0±0.4
		1550nm	10.1±0.5
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3	Cladding Non-Circularity	%	≤0.7
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