

Category	Items	Unit	Description	
			Before cabled	After cabled
Optical Characteristics	Attenuation at 1310 nm	dB/km	≤ 0.34	≤0.40
	Attenuation at 1550 nm	dB/km	≤ 0.21	≤0.30
	Zero dispersion wavelength	nm	1300~1324	
	Zero dispersion slope	ps/(nm ² ·km)	≤ 0.092	
	Cable cut-off wavelength λ _{cc}	nm	≤ 1260	
	Dispersion Coefficient 1550nm	ps/(nm·km)	≤ 18	
	Dispersion Coefficient 1625nm	ps/(nm·km)	≤ 22	
	PMD Maximum Individual Fibre		≤ 0.1	
	PMD Link Design Value (M=20,Q=0.01%)		≤ 0.06	
	PMD Typical Value		0.04	
	Mode field diameter (MFD) at 1310 nm	μm	8.7~9.5	
	Mode field diameter (MFD) at 1550 nm	μm	9.8~10.8	
	Group Index of Refraction (Typical) / at 1310 nm		1.466	
	Group Index of Refraction (Typical) / at 1550 nm		1.467	
	Macro-bend loss(1 turn, 16mm radius) at 1550nm	dB	≤ 0.05	
	Macro-bend loss(100 turn, 25mm radius) at 1550nm	dB	≤ 0.05	
	Macro-bend loss(100turns, 30mm radius) at 1550nm	dB	≤ 0.05	
Geometrical Characteristics	Cladding diameter	μm	125 ± 0.7	
	Cladding non-circularity	%	≤ 1.0	
	Coating diameter	μm	235-250	
	Coating/cladding concentricity error	μm	≤ 12.0	
	Coating non-circularity	%	≤ 6.0	
	Core/cladding concentricity error	μm	≤ 0.6	