

Item	Unit	Requirement
Fiber type		DS 1310_125-13/25-1
Part N.O.		DS1010-A
Optical Characteristics		
Operate wavelength		O band, C band
Attenuation	[dB/km]	≤ 0.34@1310 nm
		≤ 0.20@1550 nm
Zero dispersion wavelength	[nm]	≤ 1305
Zero dispersion slope	[ps/(nm ² ·km)]	≤ 0.090
Cable cutoff wavelength	[nm]	≤ 1260
Mode field diameter	[μm]	8.7~9.5@1310 nm
		9.9~10.9@1550 nm
Geometrical Characteristics		
Cladding diameter	[μm]	125±0.7
Cladding non-circularity	[%]	≤ 1.0
Core-cladding concentricity error	[μm]	≤ 0.6
Coating diameter	[μm]	245±7
Mechanism Characteristics		
Proof test	[kpsi]	≥ 100
Coating strip force	[N]	Typical average force 1.5
		Peak force ≥ 1.3, ≤ 8.9
Dynamic stress corrosion susceptibility parameter (n _d)		≥ 20