

Single Mode 12 core Optical Fiber Cable				
S.NO	FEATURE	REQUIRED PARAMETERS	Compliance	Deviations, if any
1	Fiber type	Single mode (SM) with composite coating on each fibre		
2	Number of core	12		
3	Cable armouring	Outdoor corrugated steel taped armoured		
4	Outer jacket	shall be resistant to Petroleum products		
5	Optical bandwidth of fibres	1.2 GHZ/KM		
6	Operating wave length	1300/1500 nm		
7	Cut off wavelength	1100nm - 1330nm		
8	Each fiber to be individually <u>color coded</u>	as per EIA/TIA-598		
9	The <u>operating temperature</u> range shall be	10° C to 50° C		
10	The allowable <u>bending radius</u> for the cable shall be	10 times the outer diameter		
11	Make	R&M, Panduit & equivalent		