







Video Streaming in the House Is the Leading Consumer of







 The Macrobend Improved Fibers ITU-T G.657 standard ITU-T G.657 recommendation defines two categories of fibers: Category A, is fully-compliant with the ITU-T G.652 single-mode fibers and can also be used in other parts of the network Category B, is not necessarily compliant with ITU-T G.652, it is capable of low macrobending loss at very low bend radii and is pre-dominantly intended for in-building use 					
		ITU-T G.657 Recommendation			
	Minimum specified bend radius	Category A (G.652 compliance required)	Category B (G.652 compliance not required)		
		Loss per turn at minimum bend radius at 1550 nm			
	10 mm	A1 ≤ 0.75 dB			
	7.5 mm	A2 ≤ 0.5 dB	B2 ≤ 0.5 dB		
	5 mm		B3 ≤ 0.15 dB		
			Source: ITU-T G.657 Recommendation		
 The sub-categories specify different grades of performance depending on the severity of bending in the application and the requirement for backwards compatibility G.657.B3 products that achieve ultra-low bend loss whilst maintaining compliance with G.652.D are available in the market 					
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Single-mode optical fiber with space saving 200 μm diameter coating









