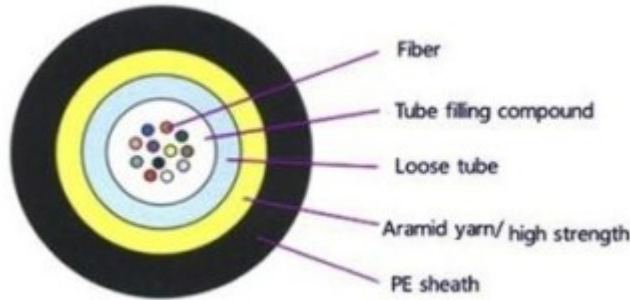


# TECHNICAL DATA SHEET FOR Single Mode Optical Fiber Cable Type : 12F Microduct

## 1. Cable Construction



1) Optical Fiber Unit		12F
	a) Second Coated	PBT
	b) Fiber	G.652D SM Fiber
	c) Fiber Count	Loose Tube
	d) Filling Compound (Gel)	Thixotropic Gel
2) Tensile Layer		Aramid Yarn
3) Outer Jacket		PE

## 2. Technical Parameters

Item		Unit	Specification
Fiber Count		Core	G.652D
Cable Out Diameter		mm	5.0
Max. Tensile Strength		N	400
Tensile Strength	Short Term	N	500
	Long Term	N	150
Crush Resistance		N/10cm	1000
Min. Bending Radius	Short Term	mm	20D
	Long Term	mm	10D
Temperature	Operatind, Storage	°C	-40°C-+70°C
	Installation	°C	-10°C-+50°C
Fiber Attenuation After Cabling		dB/km	≤ 0.36dB/km at 1310nm
		dB/km	≤ 0.22dB/km at 1550nm
Colored Coating Fiber	Tube	Fiber	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Natural