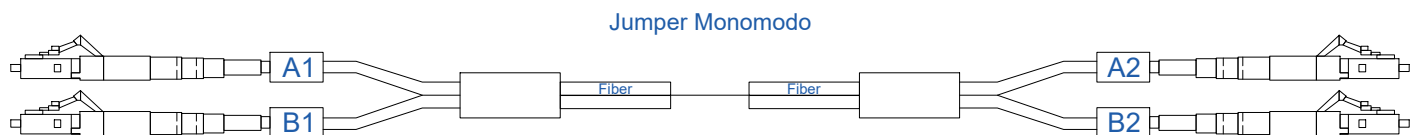


Jumper Fibra Óptica  
Medidas Especiales  
Fibra G.655 - 3.0mm



### Descripción General

- ✓ Single-Mode Optical Fiber ( G.655 )
- ✓ Fiber is non-zero dispersion-shifted single-mode optical fiber specially designed for ultra-high capacity terrestrial WDM and DWDM application. It is fully compliant with the ITU-T Recommendation G.655 (2006), IEC60793-2 type B4 (2002) Optical Fiber Specification.



Orden de Pedido	
Jumper LC/LC SM	En Medidas de
Jumper ST/ST SM	
Jumper ST/SC SM	1 Metro
Jumper LC/ST SM	2 Metros
Jumper LC/SC SM	3 Metros
Jumper SC/SC SM	5 Metros
Jumper FC/FC SM	10 Metros
Jumper FC/LC SM	15 Metros
Jumper FC/SC SM	20 Metros
Jumper FC/ST SM	30 Metros

Optical		
Specifications	Unit	Value
Attenuation coefficients		
1550 nm	dB/Km	$\leq 0.22$
1625 nm	dB/Km	$\leq 0.25$
Additional Wavelength Attenuation		
1525-1575 nm (1550 nm)	dB/Km	$\leq 0.05$
Dispersion coefficient		
1530-1565 nm	ps (nm*km)	2.0~6.0
1565-1625 nm	ps (nm*km)	4.5~11.2
Zero dispersion wavelength range	nm	$\leq 1.520$
Zero dispersion slope	ps (nm <sup>2</sup> *km)	$\leq 0.084$
PMD		
Maximum Individual Fiber	ps/vkm	$\leq 0.15$
After cabled	ps/vkm	$\leq 0.1$
Fiber cutoff wavelength after cabled	nm	$\leq 1.480$
Mode field diameter (MFD) @ 1550 nm	$\mu\text{m}$	9.6 $\pm$ 0.5
Effective froup index of refraction (Neff) @ 1550 nm		1469

Dimensional		
Cladding diameter	$\mu\text{m}$	125 $\pm$ 1.0
Cladding non-circularity	%	$\leq 1.0$
Core-cladding concentricity error	$\mu\text{m}$	$\leq 0.6$
Coating diameter	$\mu\text{m}$	244 $\pm$ 5
Coating-cladding concentricity error	$\mu\text{m}$	$\leq 8.0$
Curl (radius)	m	$\geq 5$

Mechanical		
Macro-bend induced attenuation		
1 turn around a mandrel of 32 mm diameter		
1550 & 1625 nm	dB	$\leq 0.05$
100 turn around a mandrel of 50 mm diameter		
1550 & 1625 nm	dB	$\leq 0.05$

