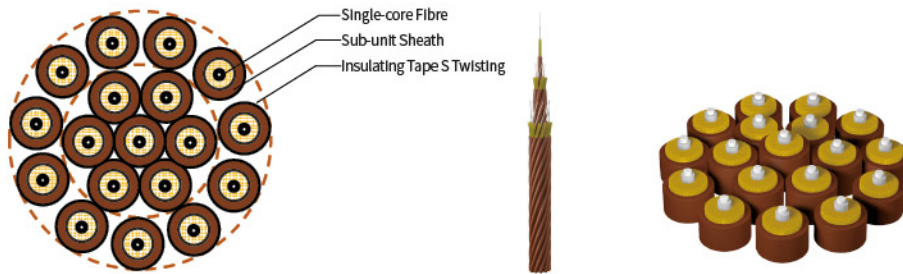


Special Twisted Optical Cable



Special Twisted Optical Cable

Specifications

Typical Fibre	SI105/125	GI62.5/125
Optical Cable Structure		
Subunit Material	ETFE	ETFE
Subunit Structure	Loose Buffer	Loose Buffer
Number of Core Elements	2 - 20	2 - 20
Subunit Diameter ϕ (mm)	1.80 ± 0.10	1.80 ± 0.10
Mechanical Properties		
Minimum Bending Radius (mm) Static	15D	15D
Minimum Bending Radius (mm) Dynamic	30D	30D
Subunit Cable Allowed Tensile Force (N) Long-term	100	100
Subunit Cable Allowed Tensile Force (N) Short-term	300	300
Subunit Crush Resistance (N/100mm) Long-term	60	60
Subunit Crush Resistance (N/100mm) Short-term	300	300
Attenuation		
850nm(laser)(dB/km)	≤ 6	≤ 3.5
Bandwidth		
850nm(LED)(MHz·km)	≥ 100	≥ 200
Application Environment	Low dynamic stress environment, excellent flexibility.	The environment with high dynamic stress requirements has high tensile strength.