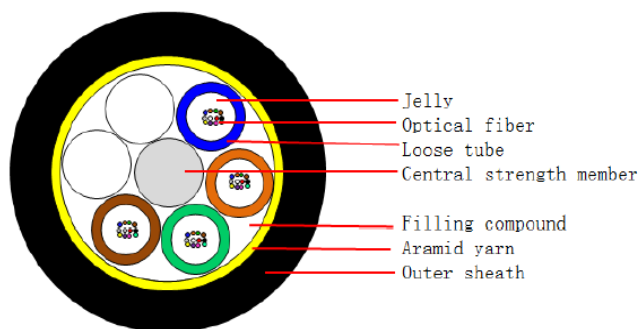


Indoor/Outdoor SM Optical Fiber Cable_12F

Construction



Technical Specification

Item	Parameter
Cable type	Indoor/Outdoor
Fiber type	9/125 ,G652D
Mode field diameter (1310&1550nm)	9.2 $\mu\text{m} \pm 0.4\mu\text{m}$ & 10.4 $\mu\text{m} \pm 0.8\mu\text{m}$
Cut off wavelength of cabled fiber	$\leq 1260\text{nm}$
Bending Loss at 1550nm (100turns,30mm radius)	$\leq 0.5 \text{ dB/Km}$
Dispersion in the range 1288 to 1339nm	$\leq 3.5\text{ps}/(\text{nm.km})$
Dispersion at 1550nm	$\leq 18 \text{ ps}/(\text{nm.km})$
Dispersion slope at zero dispersion wavelength:	$\leq 0.092\text{ps}/(\text{nm}^2.\text{km})$
Attenuation, dB/km	$\leq 0.36\text{at } 1310\text{nm}, \leq 0.22\text{at } 1550\text{nm}$
Outer jacket color/material	Black / PE
Cable diameter, mm	$10.4 \pm 5\%$
Strengthen member	FRP@Central
Loose tube material	PBT
Cable weight Kg/km	Approx. 88
Min bending radius, mm	10D (Static); 20D (Dynamic) (D: Cable diameter)
Short term tensile, N	1500
Long term tensile, N	200
Short term crush N/100mm	1000
Fibers per Tube	6
No of Loose tubes	6
Operation temperature °C	-40~+70
Loose tube color code	Blue, orange, dummy(4)
Fiber color code	Blue, orange, green, brown, gray white, red, black, yellow, violet, pink, aqua

Note: the product is in accord with the instruction of EU RoHS2.0