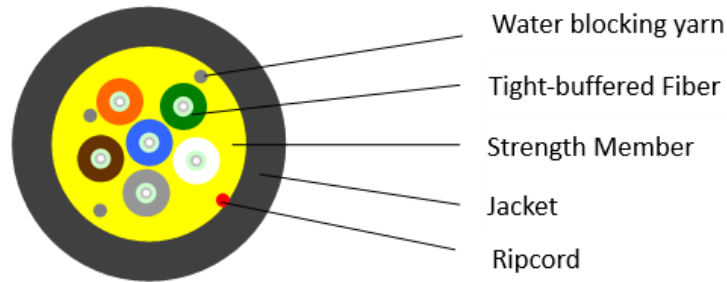


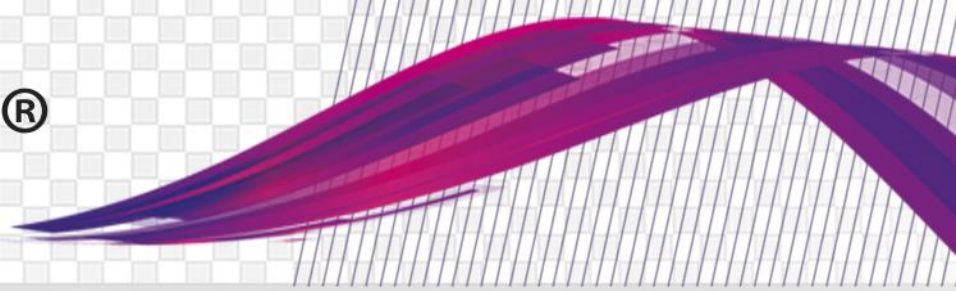
ENS-FO6CMM500

Optical cable structure diagram



Fiber Parameters

No.	Items	unit	Specification	
			10G-300	
1	Core Diameter	μm	50.0±3.0	
2	Cladding Diameter	μm	125.0±1.0	
	Core Non-Circularity	%	≤6.0	
4	Cladding Non-Circularity	%	≤2.0	
5	Core-Cladding Concentricity Error	μm	≤1.0	
6	Coating Diameter	μm	245±10	
7	Coating Non-Circularity	%	≤6.0	
8	Cladding-Coating Concentricity Error	μm	≤12.0	
9	OFL Bandwidth	850nm	MHz·km	≥1500
		1300nm	MHz·km	≥500
10	Effective Modal Bandwidth	850nm	MHz·km	≥2000
		1300nm	MHz·km	≥500
11	Attenuation Coefficient	850nm	dB/km	≤3.0
		1300nm	dB/km	≤1.0
12	Other parameter meet standard	IEC60793-2-10、 GB/T15972、YD/T1258.2		



ENS-FO6CMM500

No.	Items		unit	Specification
				10G-550
1	Core Diameter		μm	50.0±2.5
2	Cladding Diameter		μm	125.0±1.0
3	Core Non-Circularity		%	≤5.0
4	Cladding Non-Circularity		%	≤1.0
5	Core-Cladding Concentricity Error		μm	≤1.5
6	Coating Diameter		μm	242±5
7	Coating Non-Circularity		%	≤6.0
8	Cladding-Coating Concentricity Error		μm	<12.0
9	full injection bandwidth	850nm	MHz·km	≥3500
	OFL Bandwidth	1300nm	MHz·km	≥500
10	Effective Modal Bandwidth	850nm	MHz·km	≥4700
		1300nm	MHz·km	≥500
11	Attenuation Coefficient	850nm	dB/km	≤3.5
		1300nm	dB/km	≤1.5

Cable Parameters

Items		Specifications
Fiber Count		6
Tight-buffered Fiber	Dimension	900μm±50μm
	Material	PVC
	Color	Blue、Orange、Green、Brown、Grey、White
Strength Member	Material	Aramid Yarn+waterblocking yarns
Jacket	Dimension	5.6 mm±0.3mm
	Material	PVC(OFNR)
	Color	Black

ENS-FO6CMM500

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	200
Tension (Short Term)	N	660
Crush (Long Term)	N/10cm	1000
Crush (Short Term)	N/10cm	2200
Min. Bend Radius (Dynamic)	mm	15D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-10~+60
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60