

1. Basic Specifications:

Product	POF Simplex Cable
Model	CC2-1000
Spool Length(m)	1500
N.W.(kg)	6.8
G.W.(kg)	7.0
Carton Size(mm)	360*360*260

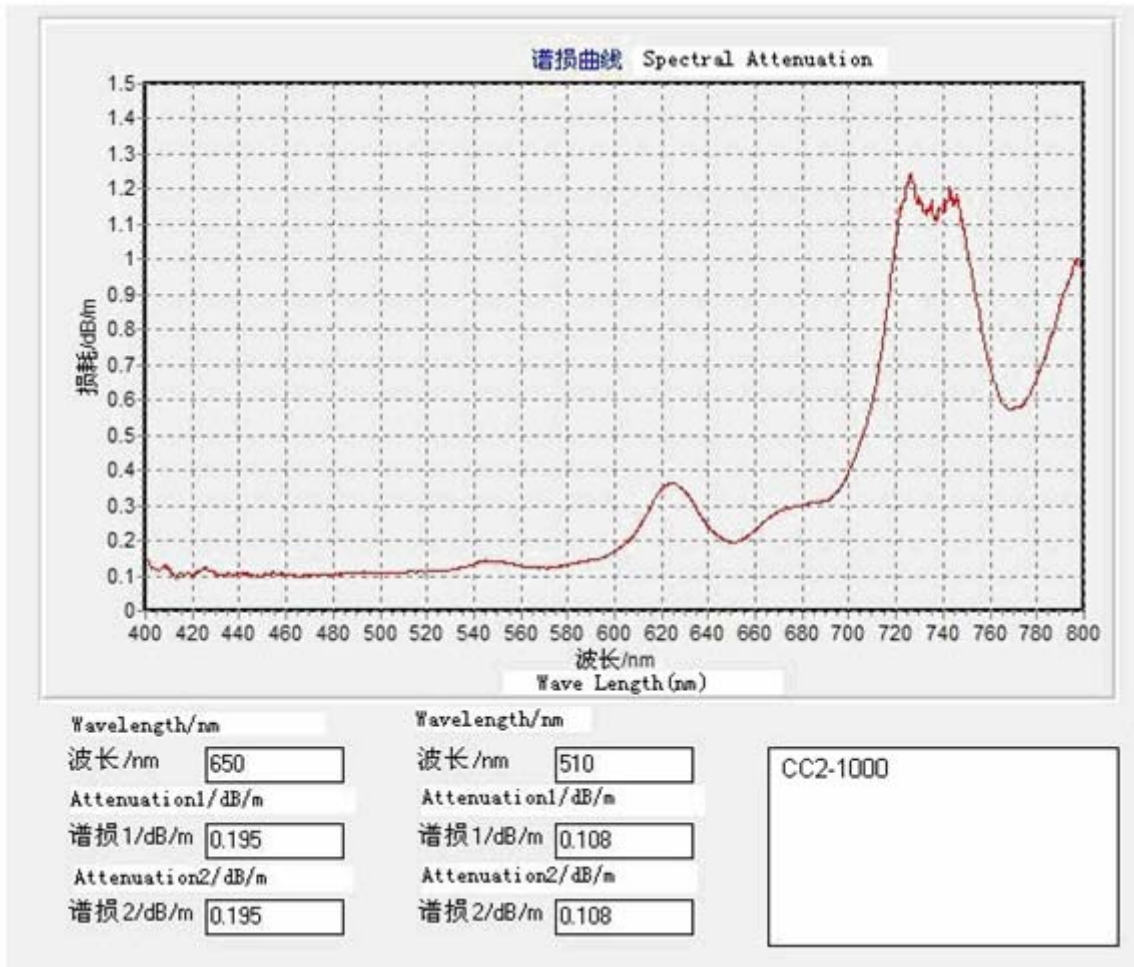

2. Technical Parameters:

Structure		
Core Material	Polymethyl Methacrylate Resin (PMMA)	
Cladding Material	Fluorinated Polymer	
Jacket Material	Black PE or PVC	
Core Refractive Index	1.49	
Optical Instruction	Step Index	
Numerical Aperture	0.5	
	Unit	Typical
Core Diameter	μm	1,000
Cable Diameter	μm	2,200
Weight (g/m)	4.5	
Attenuation of Fiber	≤0.19 dB/m [1m-100m cutback] @650 nm	
Attenuation of Joints	<0.5 dB/m	
Application Bandwidth	525nm or 650 nm	
Incidence Angle	≤60°	
Allowable Bend Radius	No less than ten times of optical fiber diameter	
Working Temperature	-45~70℃	
Storage Temperature	-45~70℃	

3. More Models:

Model	Core Diameter (mm)	Cable Diameter (mm)	Spool Length (m)
CC2-750	0.75±0.045	2.2±0.1	2700
CC2-1000	1.0±0.06	2.2±0.1	1500

4. Spectral Attenuation:



5. Applications:

- * Signal transmission of sensors and ground fault indicators;
- * Consumer cable such as Toslink Cable;
- * Industrial control data links;
- * Military communication;
- * FTTH, Proprietary LANs or Access Network;
- * Multi-media cable for vehicles and airplanes, such as M.O.S.T cable;

6. Notes:

- * Performance tested in conditions under 25°C unless otherwise indicated
- * Attenuation increase shall be <10% after 1,000 hours, except when due to absorbed water