

TECHNICAL SPECIFICATIONS FOR THE FIBER CABLE

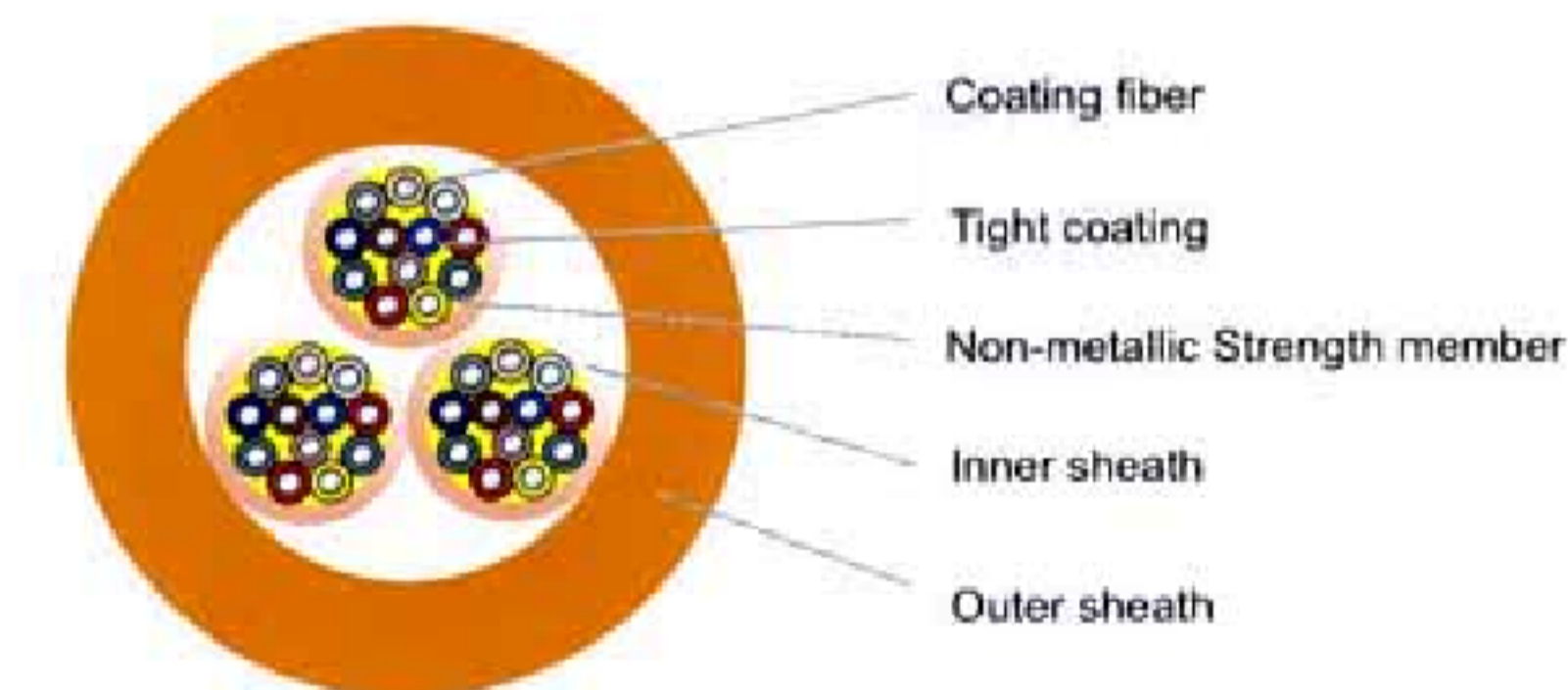
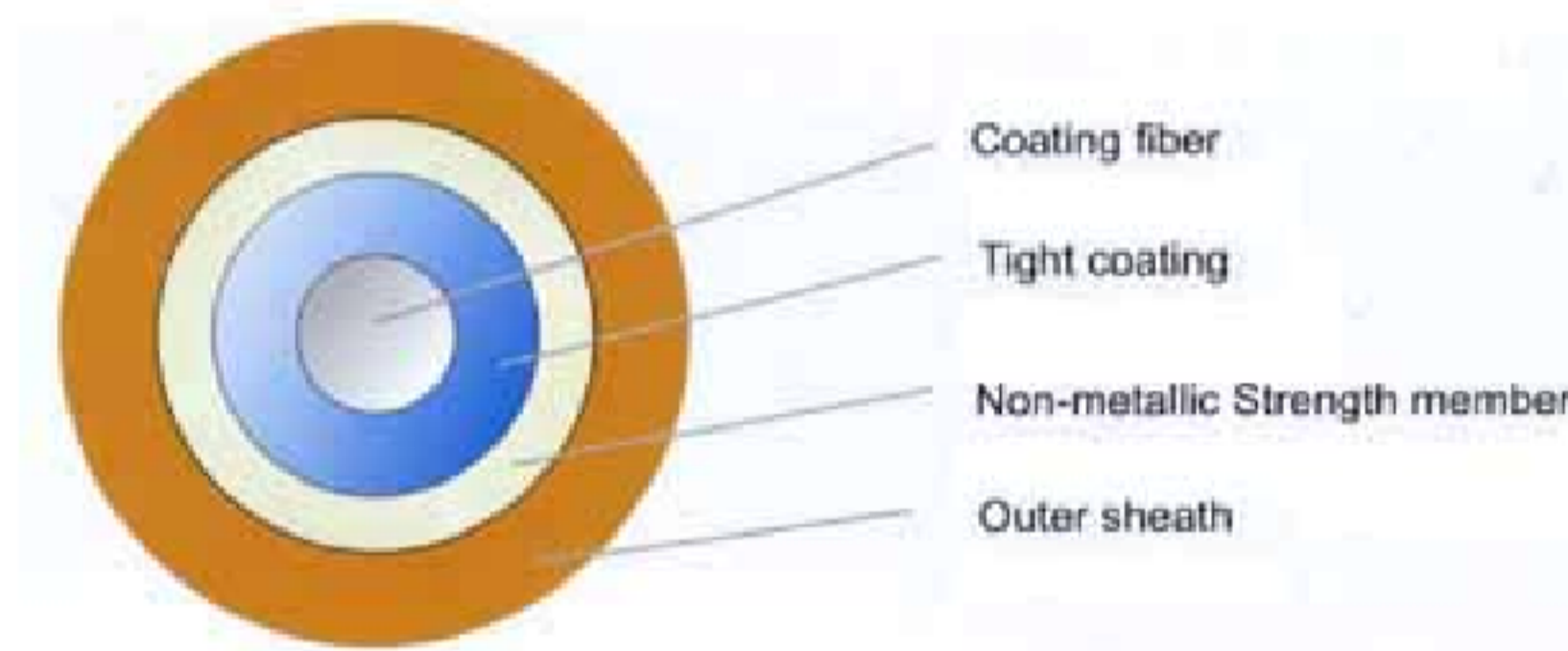
◆Structure

single fiber,double fiber,four fiber,six fiber and muti-fiber etc.

◆Applications

Apply to transnaision equipment telephone data processing equipment and communication,and it''''''''''''''''s optical transmission wire in transmission network.

◆Cable cross-section



PDR Chromatogram

- Outer Sheath
- Orang—Muti Mode Optical Fiber
- Yellow—Mode Optical Fiber

- Inner Sheath
Orang—Muti Mode Optical Fiber
Yellow—Single Mode Optical Fiber
- Muti-cable
Outer Coating—Orange

◆Cable specifications

Attenuation coefficient and bandwidth level

Attenuation coefficient

Fiber type	B1.1		B1.2	B2
Operating wavelength	1310	1550	1550	1550
Attenuation level(max.)	0.36	0.23	0.19	0.23
	0.40	0.25	0.22	0.25
	0.45	0.30		0.30

Characteristic available only at 850nm wavelength

Fiber type	Ala	Alb	Alc
Attenuation level(max.)	3.0	3.0	4.0
	3.5	3.5	
Bandwidth level(min.)	200	150	100
	500	200	200
	800	500	
	1000		

Characteristic only at 1300nm wavelength

Fiber type	Ala	Alb	Alc
	0.8	0.8	

Attenuation level(max.)	1.0	1.0	2.0
	1.5	1.5	2.0
Bandwidth level(min.)	200	300	100
	500	500	200
	800	1000	500
	1000		1000
	1200		
	1500		

Characteristic for both wavelength area at 850nm and 1300nm

Fiber type	Ala		Alb		Alc	
	850	1300	850	1300	850	1300
Transmission wave	850	1300	850	1300	850	1300
Attenuation level(max.)	2.4	0.6	3.0	0.7	3.0	0.7
	2.5	0.8	3.2	0.9	3.0	1.0
	2.7	1.0	3.5	1.5	3.5	1.5
Bandwidth level(min.)	200	200	400	160	100	300
	200	600	160	500	200	200
	400	400	200	200	200	300
	400	600	200	400		
	400	800	200	600		
	400	1000	250	1000		
	400	1200	300	800		
	400	1500				
600	1000					

