

6~216C Multi-Cable Data Sheet

Features:

- Comply with ITU specifications.
- Comply with ITU, IEC and EIA/TIA-FOTP test standards.
- Reliability and stability.
- Cost savings & high efficiency on cable installation.
- Light weighted, bending resistant for installation at inhospitable area.
- Water penetration resistant.
- Free from EMI.
- Comply with ISO 9001.

Applications:

- Long span optical communication system.
- LAN
- High speed transmitting system.
- Data, voice, video, and telecom applications.
- Excellent performance for operation under static and EMI interference.
- FTTX installation.

Date: 2006/11/01

The information contained in this data sheet is subject to normal manufacturing tolerances. Specifications are subject to change without notice.

冠德光電科技股份有限公司

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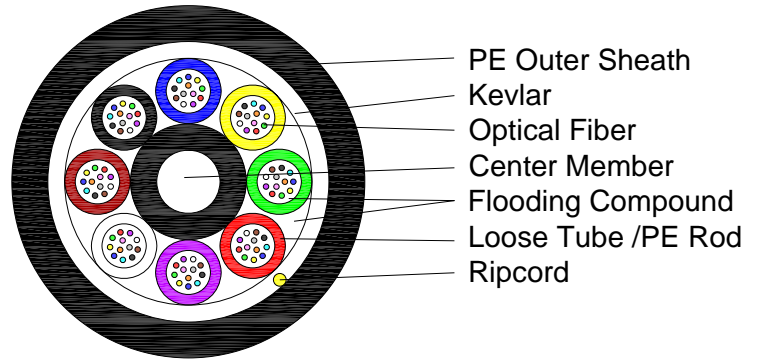
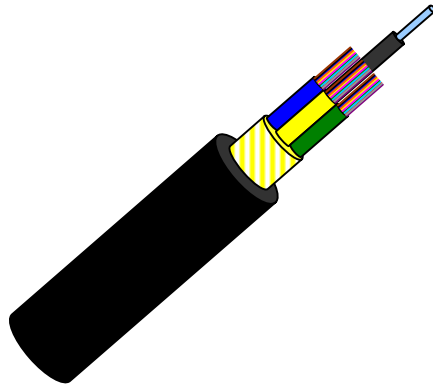
電話：03-5786178

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文件編號：FM70306A

Construction :

1. Single Sheath



Specification :

Item	Specification Chart							
	6C Clusters			12C Clusters				
Fiber QTY	6~30	36	48	72	96	144	216	
No. of Loose Tube (Included PE Rod)	5	6	8	6	8	12	18	
Glvanized Steel Wire	D. D. (mm)	1.8	1.8	2.3	2.6	2.6	2.6	2.6
	PE Sheath O. D. (mm)	2.2	2.7	4.2	3.3	5.5	9.5	3.3
Thickness of PE Sheath (mm)	1.7	1.7	1.7	1.7	1.7	1.7	1.7	
Cable O. D. (mm)	11.6	12.1	14.0	14.0	16.0	20.0	18.0	
Weight of Cable (kg/km)	120	135	180	180	230	330	325	
Max. Allowance of Pulling Force (N)	2730							
Min. Bending Radius	20D(Operating) 、10D(Storage & Operation) 、D=Cable Outer Diameter							
Operating Temp.	0 ~ +85°C							
Storage & Operation Temp.	-30 ~ +85°C							

- We use mixed-fibers such as single-mode, multimode, or G655 fibers for above cable and it's subject to change with customer's actual requirement.

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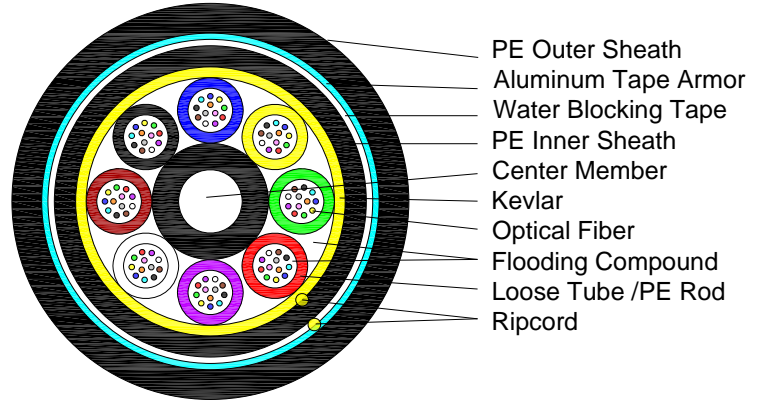
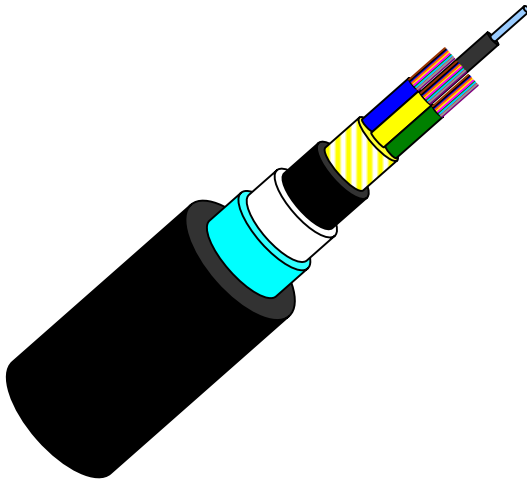
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2. Double Sheaths



Specification :

Item	Specification Chart							
	6C Clusters			12C Clusters				
Fiber QTY	6~30	36	48	72	96	144	216	
No. of Loose Tube (Included PE Rod)	5	6	8	6	8	12	18	
Glvanized Steel Wire	O. D. (mm)	1.8	1.8	2.3	2.6	2.6	2.6	2.6
	PE Sheath O. D. (mm)	2.2	2.7	4.2	3.3	5.5	9.5	3.3
Thickness of PE Sheath (mm)	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
Cable O. D. (mm)	14	14.5	16.2	16.2	18.5	22.5	20	
Weight of Cable (kg/km)	185	200	255	255	310	430	420	
Max. Allowance of Pulling Force (N)	2730							
Min. Bending Radius	20D(Operating) , 10D(Storage & Operation) , D=Cable Outer Diameter							
Operating Temp.	0 ~ +85°C							
Storage & Operation Temp.	-30 ~ +85°C							

- We use mixed-fibers such as single-mode, multimode, or G655 fibers for above cable and it's subject to change with customer's actual requirement.

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