

6~216C Duct 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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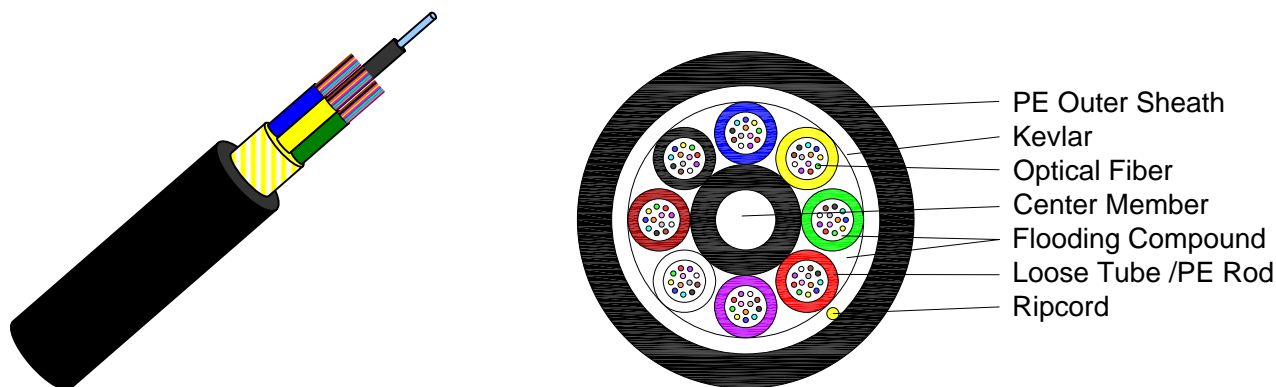
電話：03-5786178

傳真：03-5770650

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
Glavanized 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
Cable O.D. (mm)		11.6	12.1	14.0	14.0	16.0	20.0	18.0
Wight 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℃						
Storage & Operation Temp.		-30 ~ +85℃						

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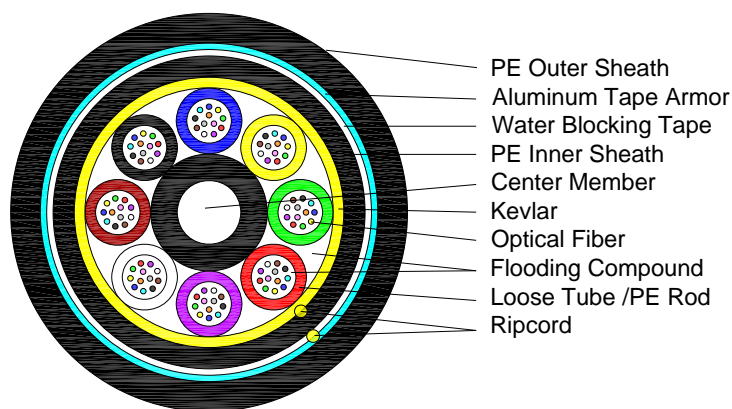
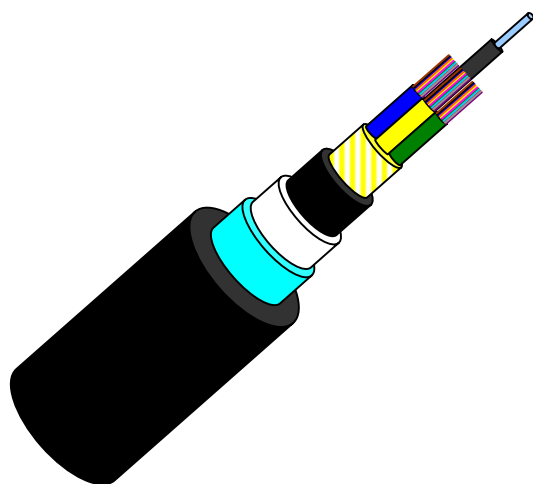
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2. Double Sheaths



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
Glavanized 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
Cable O. D. (mm)		14	14.5	16.2	16.2	18.5	22.5	20
Wight of Cable (kg/km)		185	200	255	255	310	430	420
Max. Allowance of Pulling Force (N)		2730						
Min. Bending Radius		20D(Storage) 、10D(Storage & Operation) , D=Cable Outer Diameter						
Operating Temp.		0 ~ +85℃						
Storage & Operation Temp.		-30 ~ +85℃						

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