

6~216C Aerial 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

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冠德光電科技股份有限公司

300 新竹市科學園區研發二路 23 號

電子郵件：sales@baycom.com.tw 網址：<http://www.baycom.com.tw>

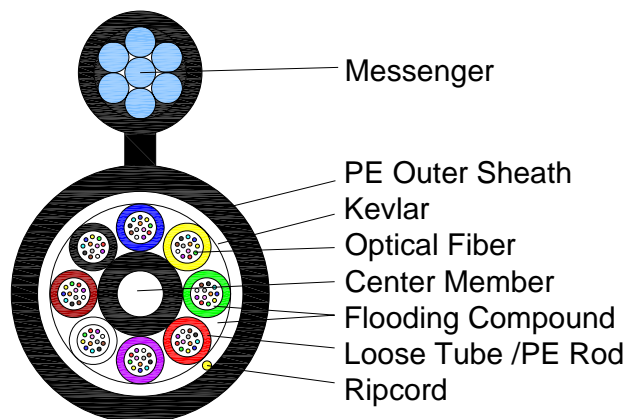
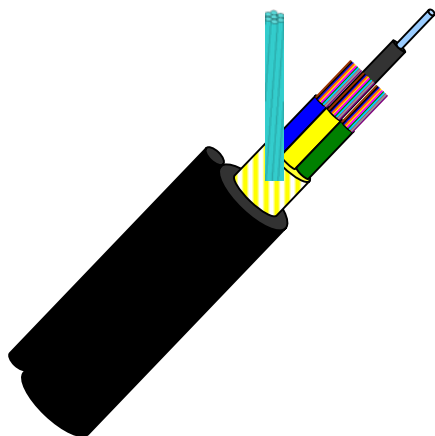
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文件編號：FM70306A

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
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
Glavanized Steel Strand	Spec.	1.6*7 Wires	1.6*7 Wires	1.6*7 Wires	1.6*7 Wires	1.6*7 Wires	1.6*7 Wires	1.6*7 Wires
	PE Sheath O. D. (mm)	6.8	6.8	6.8	6.8	6.8	6.8	6.8
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*18.4	12.1*18.9	14.0*20.8	14.0*20.8	16.0*22.8	20.0*26.8	18.0*24.8
Weight of Cable (kg/km)		250	265	310	310	360	460	455
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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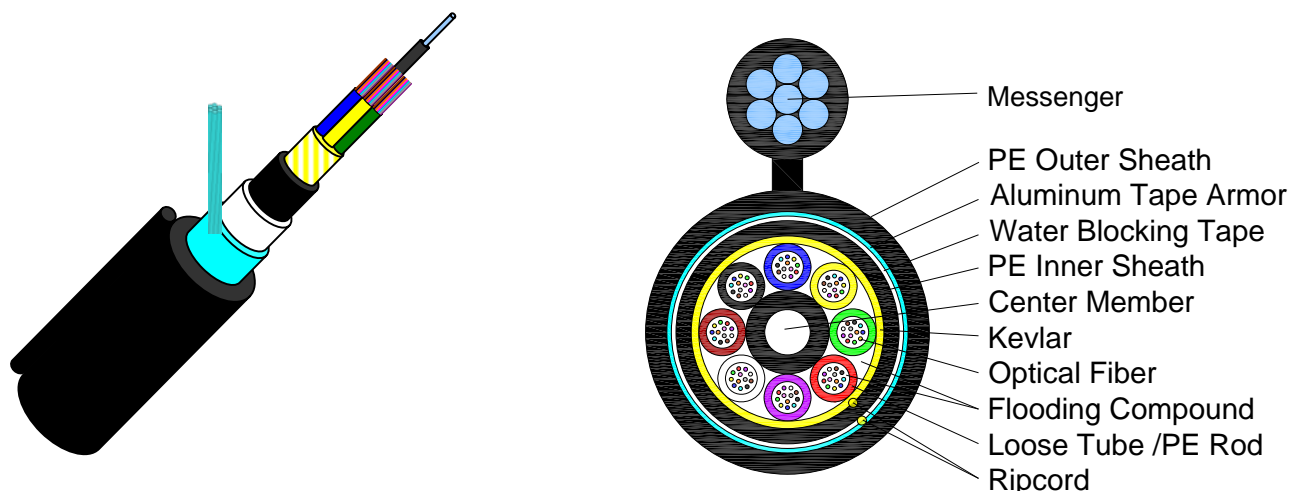
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2. Double Sheaths



Specification :

Item		Specification Chart					
		6C Clusters		12C Clusters			
Fiber QTY		1~36	48	72	96	144	216
No of Loose Tube (Included PE Rod)		6	8	6	8	12	18
Glavanized Steel Wire	O. D. (mm)	2.0	2.3	2.6	2.6	2.6	2.6
	PE Sheath O. D. (mm)	2.7	4.2	3.3	5.5	9.5	3.3
Glavanized Steel Strand	Spec.	1.8*7 Wires	1.8*7 Wires	2.0*7 Wires	2.0*7 Wires	2.0*7 Wires	2.0*7 Wires
	PE Sheath O. D. (mm)	7.4	7.4	8.0	8.0	8.0	8.0
Thickness of PE Sheath (mm)		1.7	1.7	1.7	1.7	1.7	1.7
Cable O. D. (mm)		14.5*21.9	16.2*23.6	16.2*24.2	18.5*26.5	22.5*30.5	20.0*28.0
Weight of Cable (kg/km)		360	415	450	505	525	515
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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