

6~216C Direct Buried 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.

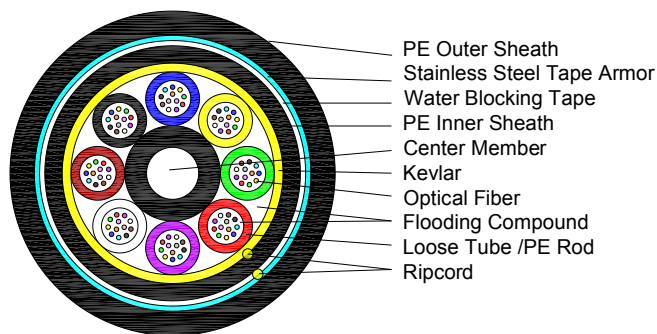
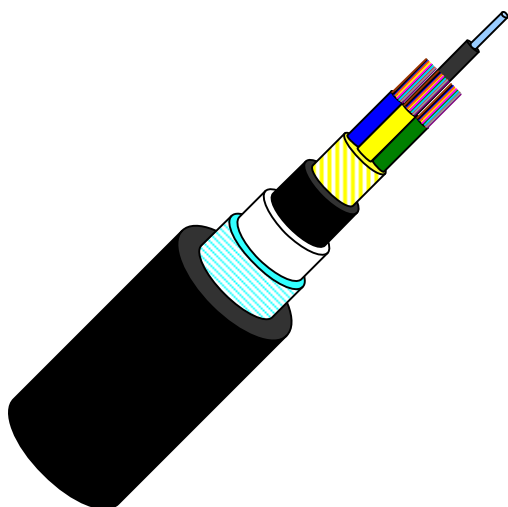
Applications:

- 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: 2012/12/04

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

Construction :



Specification :

Item		Specification Sheet						
		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
FRP	O.D. (mm)	2.2	2.7	3.0	3.0	3.0	3.0	3.0
Galvanized 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)		14.3	14.8	16.5	16.5	18.8	22.8	20.3
Weight of Cable (kg/km)		200	210	295	295	360	485	470
Max. Allowance of Pulling Force (N)		3000						
Min. Bending Radius		20D(Operating) 、 10D(Storage & Operation) , D=Cable Outer Diameter						
Operating Temp.		-20 ~ +80℃						
Storage & Operation Temp.		-20 ~ +80℃						
Mechanical Tests	Item	Test Method				Spec(Db/km)		
	Crush Resistance	TIA/EIA-455-41A or IEC 60794-1-2-E3				< 0.2dB		
	Cable cyclic flexing	TIA/EIA-455-104A or IEC 60794-1-2-E6				< 0.2dB		
	Impact Resistance	TIA/EIA -455-25B or IEC 60794-1-2-E4				< 0.2dB		
	Twist test	TIA/EIA-455-85A or IEC 60794-1-2-E7				< 0.2dB		
	Tensile loading and bending test	TIA/EIA-455-33A or IEC 60794-1-2-E1				< 0.2dB		

Quality Assurance System

● Comply with IEC & EIA testing standards ● Approved by CHT, Taiwan. ● ISO9001 Certified.

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