

Tight Buffer 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

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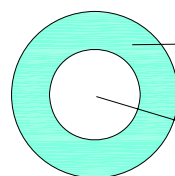
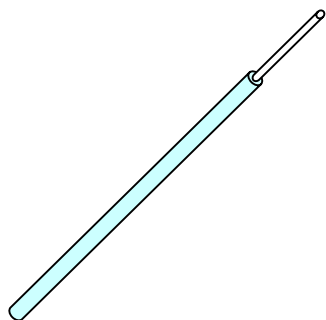
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Construction:**1. Tight Buffer**Outer Sheath
(PVC/LSZH/PA/Hytrel)

Optical Fiber

Specification :

Item	Specification Chart	
Fiber QTY	1	1
Thickness of Sheath (mm)	0.3	0.17
Cable O.D. (mm)	0.9	0.6
Weight of Cable (kg/km)	0.88	0.58
Max. Allowance of Pulling Force (N)	50	
Min. Bending Radius	20D(Operating)、10D(Storage & Operation), D=Cable Outer Diameter	
Operating Temp.	0 ~ +85°C	
Storage & Operation Temp.	-30 ~ +85°C	

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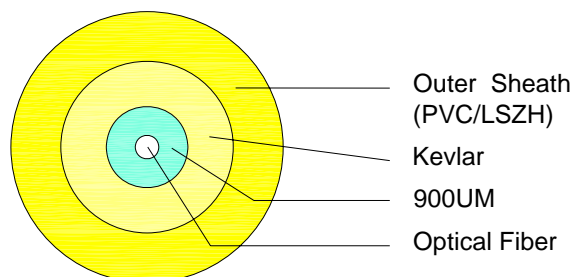
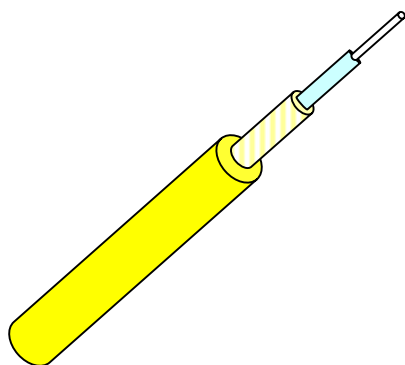
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2. Simplex



Specification:

Item	Specification Chart			
Fiber QTY	1	1	1	1
Cable O.D. (mm)	0.6	0.9	0.9	0.9
Thickness of Sheath (mm)	0.4	0.4	0.5	0.5
Cable O.D. (mm)	1.8	2.0	2.4	3.0
Weight of Cable (kg/km)	4.0	4.8	6.0	7.5
Max. Allowance of Pulling Force (N)	500			
Min. Bending Radius	20D(Operating)、10D(Storage & Operation) , D=Cable Outer Diameter			
Operating Temp.	0 ~ +85°C			
Storage & Operation Temp.	-30 ~ +85°C			

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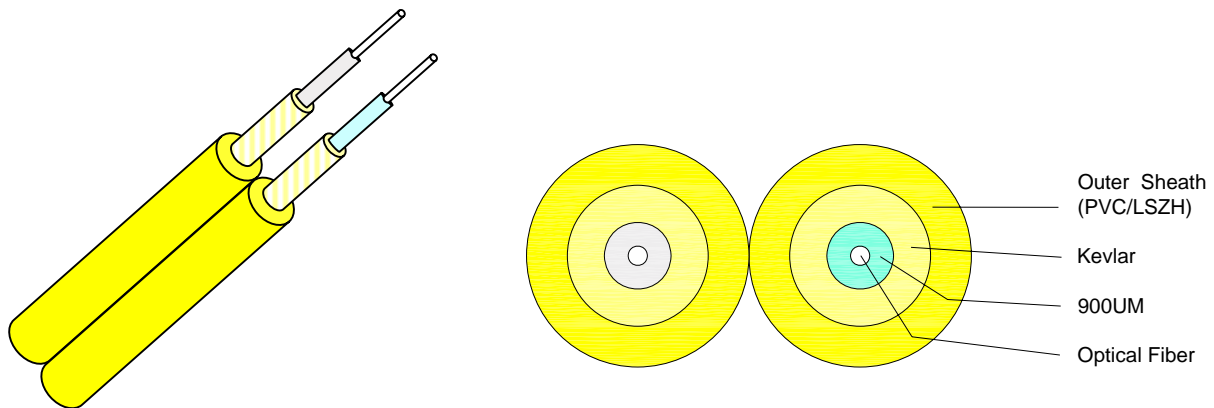
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3. Zipcord



Specification :

Item	Specification Chart			
Fiber QTY	2	2	2	2
Fiber O.D. (mm)	0.6	0.9	0.9	0.9
Thickness of Sheath (mm)	0.4	0.4	0.5	0.5
Cable O.D. (mm)	1.8*3.6	2.0*4.0	2.4*4.8	3.0*6.0
Weight of Cable (kg/km)	8.0	9.6	12.0	15
Max. Allowance of Pulling Force (N)	500			
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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