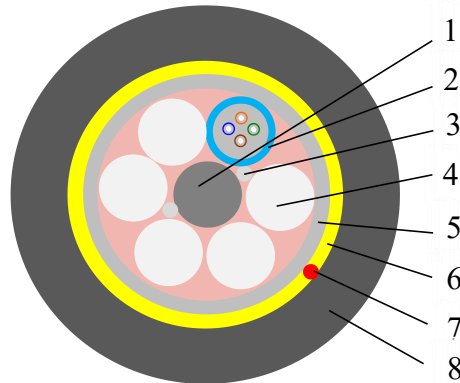




浙江万马天屹通信线缆有限公司

Zhejiang Wanma Tianyi Communication Wire & Cable Co., Ltd.

ADSS-4B1.3-PE-100M CABLE



Cable Section Sketch Map

1	Center Strength Member	FRP	2.1+/-0.1	
2	Fiber Unit	Loose Tube	PBT	2.0+/-0.1
		Fiber	4 Single Mode Fibers	G652D
		Fiber Quantity	4 Pcs Fibers× 1 Loose Tubes	
		Fiber Color	Blue、 Orange、 Green、 Brown	
		Loose Tube Color	Blue	
		Filling (Fiber Jelly)	Thixotropy Jelly	
3	Water Blocking	Water Blocking Yarn		
4	Filler	5 Pcs	2.0+/-0.1	
5	Water Blocking	Water Blocking Tape		
6	Strength Member	Aramid Yarns		
7	Rip Cord	1Pcs		
8	Outside Sheath	PE	10.3+/-0.5	

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Technical Data Sheet

Item		Unit	Parameter
Cable Standard Weight		kg/km	80
Rated Tensile Strength(RTS)		KN	4.2
Maximum Allowable Tension(MAT)		KN	1.6
Every Day Strength(EDS)		KN	1.05
Min-Bending Radius	Short-Term	mm	20D
	Long-Term	mm	10D
Crush Performance	Short-Term	N/100mm	1000
	Long-Term	N/100mm	300
Suiting Line Voltage Class		Not more than 35 kV	
Span		m	100
Suitable Meteorological Condition		Max wind speed: 25m/s, No icing	
Operation	When working or in store	°C	-40°C-+70°C
Temperature	When laying	°C	-10°C-+50°C
Fiber Attenuation Coefficient in Cable		dB/km(1310nm)	≤0.36dB/km
		dB/km(1550nm)	≤0.22dB/km

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