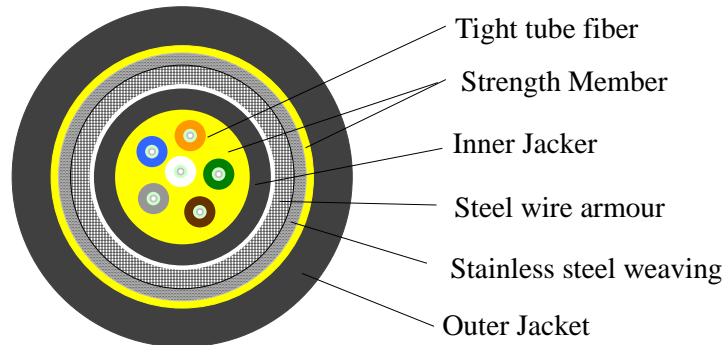




Optical cable for wind power

Structure



Structure and Performance of Optical Cable

Construction								
Description	Compact optical fiber set, reinforced parts, inner sheath, spiral armor, metal weaving, outer sheath							
Optical fiber	Single mode fiber : G.652D、G.657A1、G.657A2 etc., Multimode (optical) fiber : OM1、OM2、OM3、OM4、OM5							
Tight cover layer	Φ0.6mm							
Strength-Member	yarn, etc.							
Steel wire armor	SUS304							
Stainless steel weaving	SUS304							
Jacket	Material: polyurethane (TPU) Or other materials							
Character								
Application	It is mainly used to lead down on wind power towers							
Characteristic	Torsional resistance, to meet the long-term torsion state for use; High flame retardant, safe to use; UV resistance, wear resistance, pressure resistance, high tensile resistance, excellent mechanical and environmental performance;							
Operating Temperature	-40°C~+70°C							
Parameters								
Fiber Count	Diameter (mm)	Weight (kg)	Tensile Strength (N)		Crush Resistance Strength (N/10cm)		Bending Radius (mm)	
			Long Term	Short Term	Long Term	Short Term	Static	Dynamic
1	7.0	82	1000	2000	1000	3000	10D	20D

Customization



浙江万马天屹通信线缆有限公司

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