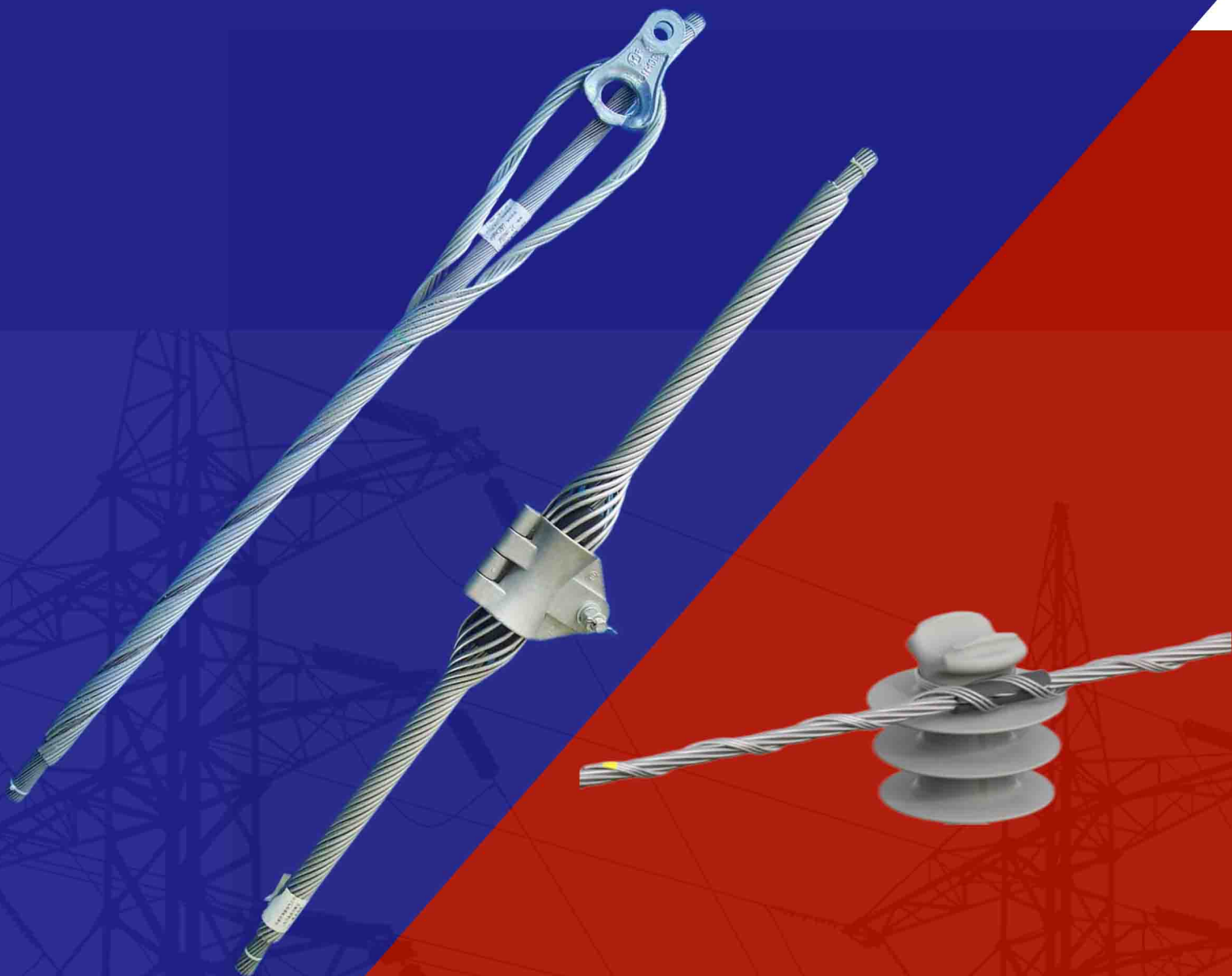




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SHENGHENG
POWER
聖恒電力



SINCE 2015
ELECTRIC POWER
EQUIPMENT FACTORY

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ABOUT US

XinJi ShengHeng Power Equipment Factory is a leading manufacturer of power line materials serving the electric utility and telecom industries in China. With over 25 years of expertise in production, our products are distributed to more than 20 countries and regions including the United States, Canada, and Vietnam, earning unanimous acclaim from our clientele.



Specializing in a comprehensive range of products, we manufacture and supply preformed wire clamps for OPGW/ADSS cables, suspension clamps, insulator tie wires, composite insulators, and other related hardware. Our products undergo rigorous testing at independent laboratories, adhering to IEC standards and obtaining certification reports.

Setting ourselves apart from competitors, we prioritize customer satisfaction by offering tailored solutions that meet individual requirements. Our commitment lies in delivering superior products at competitive prices, accompanied by unparalleled service within the industry.



CERTIFICATION

170008222878 170008222878 170008222878 170008222878 170008222878

实验室名称: 国家电器产品质量监督检验中心
Lab Name: China National Center for Quality Supervision
and Test of Electrical Apparatus Products

No 19XJ0966-S

检验 (试验) 报告
Test Report

委托单位: 辛集市圣恒电力设备厂
Client:

产品名称: 交流棒形复合绝缘子
Name of Product:

产品型号: FXBW-10/70 (100)
Product Type:

检验类别: 定型试验
Test Category:

本实验室对出具的检验 (试验) 结果负责, 未经实验室书面同意, 不得部分地复制本报告。

The laboratory is responsible for the inspection (Test) results. The report shall not be reproduced except in full, written approval of the laboratory.

170008222878 170008222878 170008222878 170008222878 170008222878

实验室名称: 国家电器产品质量监督检验中心
Lab Name: China National Center for Quality Supervision
and Test of Electrical Apparatus Products

No 19XJ0967-S

检验 (试验) 报告
Test Report

委托单位: 辛集市圣恒电力设备厂
Client:

产品名称: 线路柱式复合绝缘子
Name of Product:

产品型号: FPQ-10/5
Product Type:

检验类别: 定型试验
Test Category:

本实验室对出具的检验 (试验) 结果负责, 未经实验室书面同意, 不得部分地复制本报告。

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SAMPLE APPROVAL REPORT

REPORT NO.: 20240415-01 SAMPLE NO.: 20240415-01
DATE: 11.04.2024 PROCESS: Draw & Formulation
SUPPLIER/DEPARTMENT: M.J. & SONS CITY SHENGHENG POWER EQUIPMENT FACTORY, JIANGSU, CHINA CHALLAN/INVOICE NO.: 2720-9048-8285 Dtd. 12.03.2024
ITEM & DESCRIPTION: 1) Helical Dead End & 2) Protection Rod JOB CARD NO.: N/A
DRAWING NO.: WORKS ORDER NO.: N/A

TESTS CONDUCTED		TEST CONDUCTED	RESULT		
Visual Examination Observations:		1) Supplier TC	Y / N		
Samples are visually found satisfactory.		2) Visual Examination	Y / N		
Material found Alum: Clad steel with glazing and sand		3) Dimensional Verification	Y / N		
Colour Made: Black		4) Mechanical Strength Test	Y / N		
Assembly / Performance Test Observations:		5) Chemical Analysis Test	Y / N		
Assembly performance found satisfactory.		6) Hardness Test	Y / N		
Dimension Verification: (As per Supplier Catalogue no. SL-414 Size 12)		7) Metallurgical Test	Y / N		
Sr. No.		Req. Dim.	Tol.	Observed Dimensions	Chemical Analysis Test
				1 2 3 4 5	
A Helical Dead End					Hardness Test
1		980	±9	986.0	Required: —
2		83.5	±0.05	83.53	Observed: —
3		Number of rods = 8 rods			Found Satisfactory
4		Weight (kg)	1.7 approx.	1.1	
B Helical Dead End					Mechanical Strength Test:
1		1375	±12		(See other test observations)
2		63.0	±0.05		
3		Number of rods = 13 rods (3 x 3 sets & 4 x 1 set)			
4		Weight (kg)	0.90 approx.	0.925	
5		Weight (kg)	0.90 approx.	0.925	

Other Test Observations: (Mechanical Strength Test)

1. Tested with protection rod with OPGW cable Ø12.30mm: Withstood 70kN. Test PASS

2. Tested with protection rod with Messenger Cable Ø12.95mm: Withstood 90kN. Slipping started at 105kN. Test PASS

REMARKS (If Any):

Accepted

Please provide manufacturers detailed drawing

ARMOR RODS

Material

Aluminium alloy wire or
aluminum-covered steel wire

Features

- Color coded for ease of identification
- Restore 100% of the rated conductance and strength of the line when less than 50% of the outside strands on an ACSR or aluminum conductor is damaged
- Improve the conductor's ability to withstand the fatigue forces associated with aeolian type vibration
- Min.breaking strength of preformed tension clamp 95% of conductor U.T.S.



Applications

- Protect cable against bending, abrasion and flash-over
- Restore the conductors' mechanical strength and conductivity

Packaging

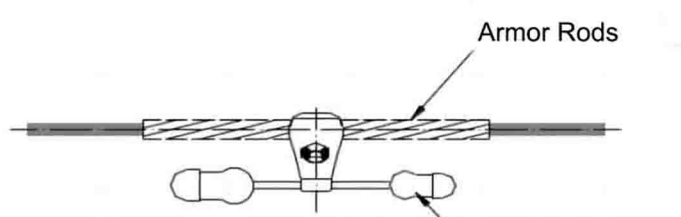
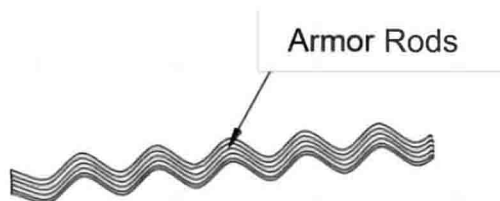
Eg: product length 1270mm

Packed 100 units/carton; 2000units/wooden case

	Applicable Wires		D(mm)	d(mm)	L(mm)	Pitch(mm)	Number of Strands
	Model No	Outer diameter(mm)					
HL-95/55	LGJ-95/55	16	60	13.3	1500	150	16
HL-120/7	LGJ-120/7	14.50	3.60	12.00	1400	140	14
HL-120/70	LGT-120/70	18.00	1.60	14.90	1800	170	14
HL-150/8	LGJ-150/8	16	3.6	13.30	1500	150	16
HL-150/20	LGJ-150/20	16	3.6	14.7	1500	155	16
HL-185/30	LG.T-185/30	18.88	4.6	15.7	1800	185	14
HL-185/45	LGJ-185/45	19.6	4.6	16.3	1800	185	14
.....							
HL-500/35	LGT-500/35	30.00	6.3	24.90	2500	280	161
HL-500/4F	LGJ-500/45	30.00		24.90			
H1.-500/65	LGJ-500/65	30.96		25.70			

Note:

- 1.The data in the table is the national standard of China.
- 2.The armor rods can be customized according to the drawing.



PREFORMED GRIP DEAD END [1.1.1]



For use on galvanized steels guy wire

Material

Made from high-quality galvanized steel with a zinc coating or aluminum-clad steel wire

Features

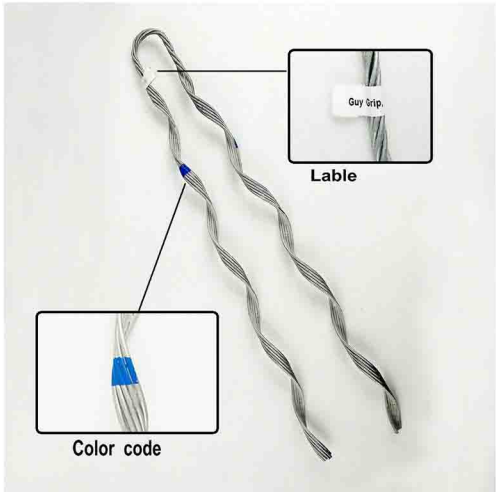
- Hold up to 95% of the rated breaking strength of the guy wire
- Meets ANSI C119.4 standards for holding strength and durability
- Pass ASTM B117 salt spray tests for over 1000 hours
- Can replace common wire clamps

Applications

- ADSS /OPGW cable and strain/angle/end point tower connection
- Distribution lines for bare overhead conductors and insulated wires

Packaging

Eg: product length 889mm
Packed 40 units/carton,1400units/wooden case



Model No.	Cross-section mm ²	Outside diameter(mm)	Length (mm)	Wire Diameter (mm)	Number of strands
NL-25/G	25	6.60	635	2.20	5
NL-35/G	35	7.80	711	2.50	5
NL-50/G	50	9.00	901	3.00	5
NL-70/G	70	11.00	1016	3.50	5
NL-95/G	95	12.50	1333	4.40	5
NL-100/G	100	13.00	1333	4.40	5
NL-120/G	120	14.00	1460	4.80	5

- Note:**
- 1.The data in the table is based on the national standard of China.
 - 2.The products can be customized according to the drawing.



Components: inner twisted wire, outer twisted wire, heart-shaped ring, right-angle hanging ring, U-shaped hanging ring, bolts, nuts, cotter pins etc.

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PREFORMED GRIP DEAD END [1.1.2]

For use on all aluminium Conductor and ACAR

Material

Made from high-quality galvanized steel wire or aluminum-clad steel wire

Features

- Rounded edges to provide a vibration-resistant grip
- Hold up to 95% of the RBS of the conductor
- Uniform stress distribution to improve seismic resistance
- Passes ASTM B117 salt spray tests for over 1000 hours

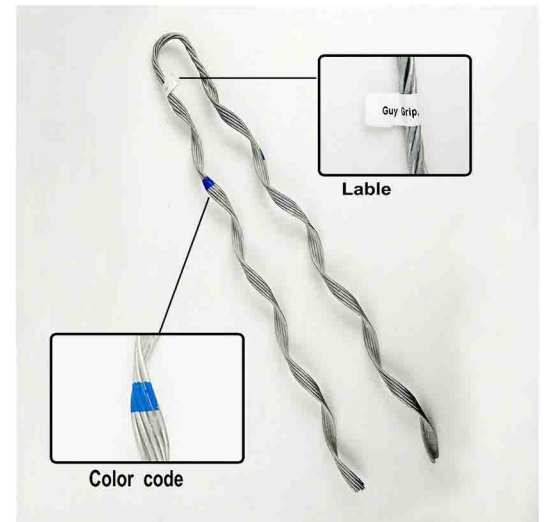
Applications

- Transmission and Distribution Lines
- Substation Connections
- Utility Pole Installations

Packaging

Eg: product length 889mm

Packed 40 units/carton, 1400 units/wooden case



Model No.	LJGB/T1179-1983		Length (mm)	Wire Diameter (mm)	Number of strands
	Cross-section (mm ²)	Outside diameter(mm)			
NL-16/LJ	16	5.10	406	2.20	3
NL-25/LJ	25	6.45	444	2.20	3
NL-35/LJ	35	7.50	622	2.50	3
NL-50/LJ	50	9.00	685	3.00	3
NL-70/LJ	70	10.80	736	3.50	3
NL-95/LJ	95	12.48	800	3.50	3
.....					
NL-500/LJ	500	29.12	1651	6.10	6

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



Components: inner twisted wire, outer twisted wire, heart-shaped ring, right-angle hanging ring, U-shaped hanging ring, bolts, nuts, cotter pins etc.

PREFORMED GRIP DEAD END [1.1.3]

For use on aluminum conductors steel reinforced cable(ACSR)ACSS

Material

Made from high-quality galvanized steel with a zinc coating or aluminum-clad steel wire

Features

- The emery adhered to the inner wall reduces side pressure and increases grip strength
- Meet industry standards such as IEEE 1138
- Meet ASTM B117 standards for salt spray resistance
- Hold up to 100% of the rated breaking strength of the conductor
- Suitable for use at temperatures up to 250°C for ACSS conductors

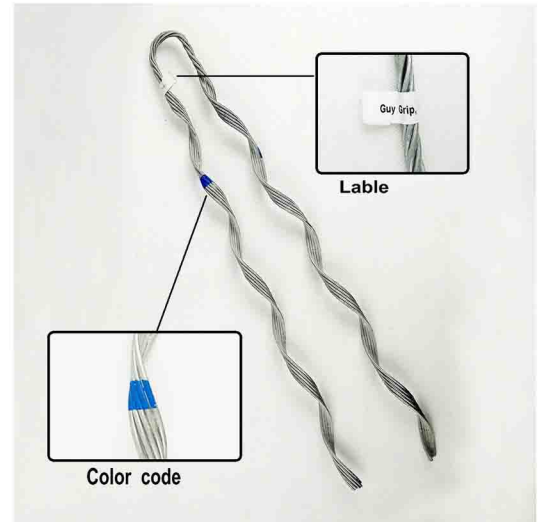
Applications

- Overhead Transmission Lines
- Substation Connections
- Utility Pole Installations

Packaging

Eg: product length 1270mm

Packed 40 units/carton,1000units/wooden case



Model No.	LGJ/LGJF GB/T 1179-1983		Length (mm)	Wire Diameter (mm)	Number of strands
	Cross-section Aluminum/Steel (mm ²)	Outside diameter (mm)			
NL-16/3	16/3	5.55	444	2.20	3
NL-25/4	25/4	6.96	546	2.50	3
NL-35/6	35/6	8.16	622	2.50	3
NL-50/8	50/8	9.60	685	3.00	3
NL-70/10	70/10	11.40	736	3.50	3
NL-50/30	50/30	11.60			
.....					
NL-400/50	400/50	27.63	1651	6	6
NL-400/65	400/65	28.00			
NL-400/95	400/95	29.14			
NL-500/35	500/35	30.00			
NL-500/45	500/35	30.00			

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



Components: inner twisted wire, outer twisted wire, heart-shaped ring, right-angle hanging ring, U-shaped hanging ring, bolts, nuts, cotter pins etc.

PREFORMED GRIP DEAD END [1.1.4]

For use on insulated wiring (1 kV, 10 kV common insulation layer)

Material

Made from high-quality galvanized steel with a zinc coating or aluminum-clad steel wire

Features

- Suitable for conductive lines below 10kv
- Hold up to $\geq 95\%$ of the rated breaking strength of the conductor
- Meet industry standards such as IEEE 1138.
- Meet ASTM B117 standards for salt spray resistance
- Suitable for temperatures up to 90°C for normal operation and 130°C for emergency operation

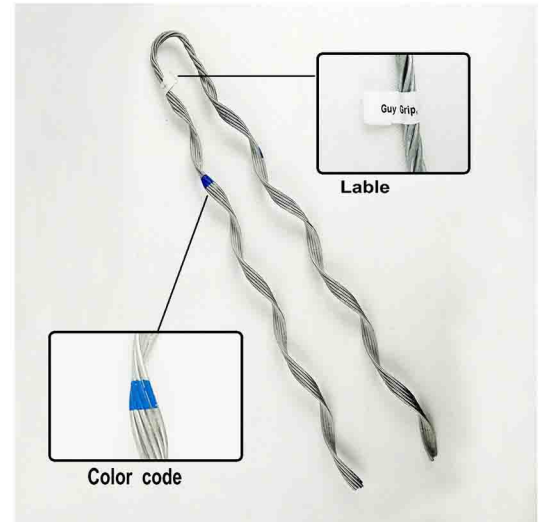
Applications

- Overhead Transmission Lines
- Substation Connections
- Utility Pole Installations

Packaging

Eg: product length 978mm

Packed 40 units/carton, 1400 units/wooden case



Model No.	JKLYJGB 14049-1993		Length(mm)	Wire Diameter(mm)	Number of strands
	Cross-section(mm ²)	Outside diameter(mm)			
NL-35/LJ	35	14.80	899	4.00	4
NL-50/LJ	50	16.10	978	4.00	5
NL-70/LJ	70	17.00			
NL-95/LJ	95	19.60	1016	4.80	5
NI-120/LJ	120	21.00			
NL-150/JY	150	22.60	1016	4.80	6
NL-185/JY	185	24.20	1016	5.20	6
NL-240/JY	240	26.40			
NI-300/LJ	300	28.60	1016	6.10	6

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



Components: inner twisted wire, outer twisted wire, heart-shaped ring, right-angle hanging ring, U-shaped hanging ring, bolts, nuts, cotter pins etc.

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PREFORMED GRIP DEAD END [1.1.5]

For use on Optical Fiber Composite Overhead Ground Wire(OPGW)

Material

Made from high-quality aluminum clad steel wire and aluminum alloy wire

Features

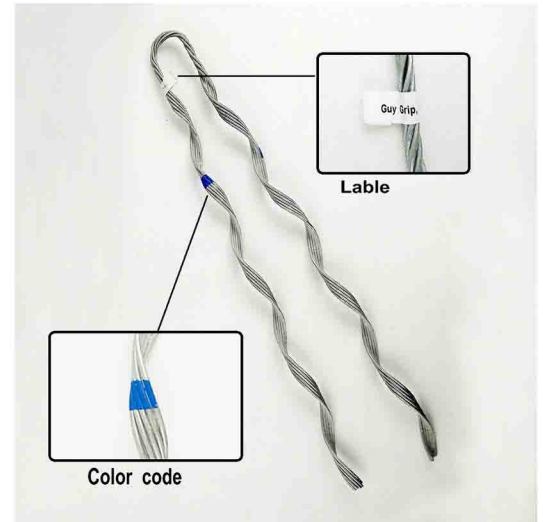
- Hold up to 100% of the rated breaking strength of the OPGW
- Meet industry standards such as IEEE 1138
- Meet ASTM B117 standards for salt spray resistance
- Uniform stress distribution of fixtures&improved seismic resistance
- Simple structure and easy installation
- Can replace common wire clamps

Applications

- Power Transmission Lines
- Telecommunications Networks
- Substation Grounding

Packaging

Eg: product outlayer length 990mm,innerlayer length 1373mm
Packed 30units/carton,1100units/wooden case



Model No.	Diameter Range		Outer Layer					Inner Layer			
	Min (mm)	Max (mm)	Length (mm)	Wire Diameter (mm)	Number Of Pitches (≥)	Number Of Strands	Average Total Mass(kg)	Length (mm)	Wire Diameter (mm)	Number Of Pitches (≥)	Number Of Strands
NL-1/OPGW	10.20	11.40	902	2.90	12	8	0.70	1244	2.90	5	12
NL-2/OPGW	11.50	12.80	990	3.20	12	8	1.00	1372	2.90	5	13
NL-3/OPGW	12.90	14.10	1067	3.60	12	8	1.60	1474	2.90	5	14
NL-4/OPGW	14.20	15.50	1143	3.60	12	8	1.40	1600	3.30	5	14
NL-5/OPCW	15.60	17.30	1245	4.10	12	8	1.90	1728	3.30	5	15
NL-6/OPGW	17.40	19.20	1613	4.60	12	8	3.10	2160	2.90	5	14
NL-7/OPCW	19.30	21.10	1715	4.60	12	8	3.30	2312	2.90	5	15
NL-8/OPCW	21.20	23.40	1842	5.20	12	8	4.50	2490	2.90	5	16
NL-9/OPGW	23.50	26.20	1994	5.20	12	8	4.80	2718	2.90	5	17

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



Components: inner twisted wire, outer twisted wire, heart-shaped ring, right-angle hanging ring, U-shaped hanging ring, bolts, nuts, cotter pins etc.

PREFORMED SUSPENSION UNITS [1.2.1]

For use on Steel-cored aluminium strand(ACSR); ACSS

Material

High-quality aluminum-clad steel wire or aluminum alloy wire

Features

- Pass ASTM B117 salt spray tests for over 1,000 hours
- Handle up to 95% of the conductor's breaking strength
- Allow for quick and straightforward installation
- Exposed to prolonged UV radiation per ASTM G154 standards show no significant material degradation
- Preformed design allows for quick and straightforward installation



Applications

- Power Transmission Lines
- Telecommunications Networks
- Substation Grounding

Packaging

Eg: product length 1041mm

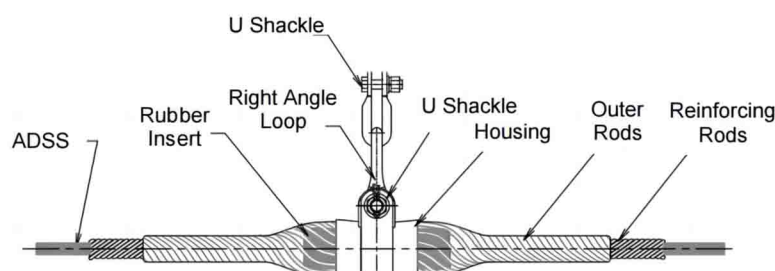
Packed 30 units/carton, 1200units/wooden case



Model No.	GJ/LGJF GB/T 1179-1983		Length (mm)	Wire Diameter (mm)	Number of strands	Number of pitches(≥)
	Cross- section(mm²)	Outside diameter(mm)				
CL-35/6	35/6	8.16	660	2.60	11	5
CL-50/8	50/8	9.60	660	2.60	12	5
CL-70/10	70/10	11.40	914	3.30	11	5
CL-50/30	50/30	11.60	914	50/30	12	5
CL-70/40	70/40	13.60	1041	4.20	11	5
CL-95/15	95/15	13.61				5
CL-95/20	95/20	13.87	1118	4.60	10	5
CL-120/7	120/7	14.50	1118	4.60	11	5
CL-120/20	120/20	15.07	1143	4.60	11	5
CL-120/25	120/25	15.74	1143	4.60	11	5
CL-95/55	95/55	16.00	1270	4.60	12	5
CL-150/8	150/8	16.00				5
CL-150/20	150/20	16.67	1372	5.20	11	5
CL-150/25	150/25	17.10				5

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



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PREFORMED SUSPENSION UNITS [1.2.2]

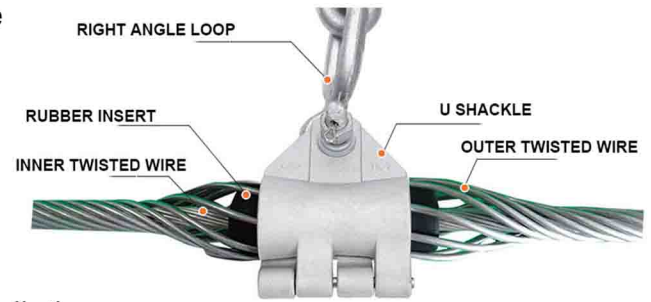
For use on aluminum stranded wires (AAC);AAAC

Material

High-quality aluminum-clad steel wire or aluminum alloy wire

Features

- Pass ASTM B117 salt spray tests for over 1,000 hours
- Handle up to 95% of the conductor's breaking strength
- Allow for quick and straightforward installation
- Exposed to prolonged UV radiation per ASTM G154 standards show no significant material degradation
- Preformed design allows for quick and straightforward installation



Applications

- Power Transmission Lines
- Telecommunications Networks
- Substation Grounding

Packaging

Eg: product length 1041mm

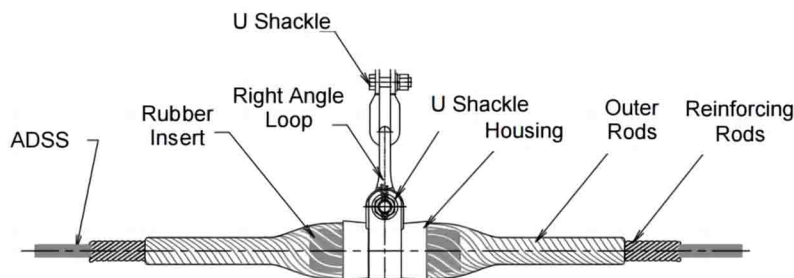
Packed 30 units/carton, 1200 units/wooden case



Model No.	JGB 1179-1983		Length(mm)	Wire Diameter(mm)	Number of strands	Number of pitches(≥)
	Cross-section(mm ²)	Outside diameter(mm)				
CL-95	95	12.48	1016	4.2	10	5
CL-120	120	14.25	1118	4.6	11	5
CL-150	150	15.75	1270	4.6	12	5
CL-185	185	17.5	1372	5.2	11	5
CL-210	210	18.75	1372	5.2	12	5
CL-240	240	20	1524	6.4	11	5
CL-300	300	22.4	1651	6.4	12	5
CL-400	400	25.9	2032	7.9	11	5
CL-500	500	29.12	2083	7.9	12	5
CL-630	530	32.67	2235	9.3	12	5
CL-800	800	36.9	2235	9.3	13	5

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



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PREFORMED SUSPENSION UNITS [1.2.3]

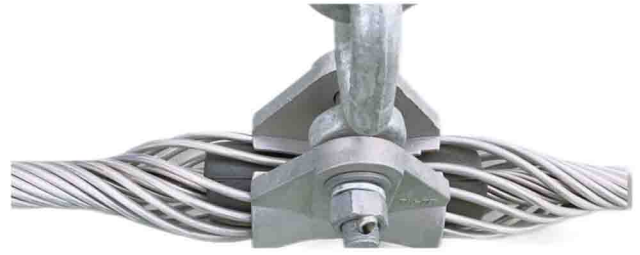
For use on ground wire

Material

High-quality aluminum-clad steel wire or aluminum alloy wire

Features

- Pass ASTM B117 salt spray tests for over 1,000 hours
- Handle up to 95% of the conductor's breaking strength
- Allow for quick and straightforward installation
- Exposed to prolonged UV radiation per ASTM G154 standards show no significant material degradation



Applications

- Power Transmission Lines
- Telecommunications Networks
- Substation Grounding



Packaging

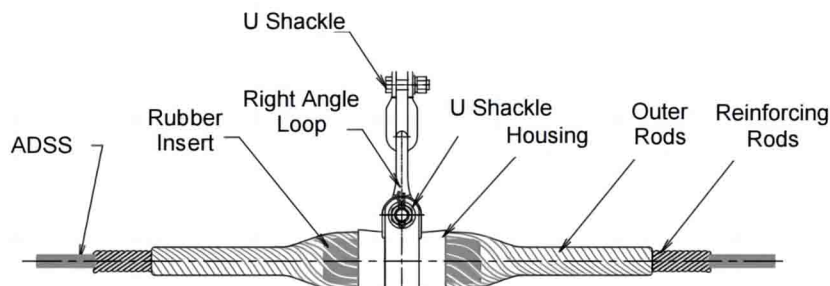
Eg: product length 1041mm

Packed 30 units/carton, 1200 units/wooden case

Model No.		GJYD/T 5004-1993	Length(mm)	Wire Diameter(mm)	Number of strands	Number of Pitches(≥)	
		Outside diameter(mm)				Single	Twin
CL-1/G	CL-1/GS	7.20	660	3.00	8	5	5
		7.00					
CL-4/G	CL-4/GS	7.00	660	3.00	9	5	5
CL-6/G	CL-6/GS	8.40	660	3.00	10	5	5
CL-7/G	CL-7/GS	9.00	660	3.00	10	5	5
		9.00				5	5
CL-9/G	CL-9/GS	9.00	660	3.00	10	5	5
CL-10/G	CL-10/GS	10.00	900	3.50	10	5	5
CL-11/G	CL-11/GS	10.50	900	3.50	10	5	5
CL-12/G	CL-12/GS	11.00	900	3.50	11	5	5
CL-13/G	CL-13/GS	11.40	900	3.50	11	5	5
C1.-15/G	CL-15/GS	12.00	900	3.50	11	5	5
		12.00				5	5
CL-16/G	CL-16/GS	12.00	1143	3.50	12	5	5

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



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PREFORMED SUSPENSION UNITS [1.2.4]

For use on optical fiber composite overhead ground wire(OPGW)

Material

High-quality aluminum-clad steel wire or aluminum alloy wire



Features

- Pass ASTM B117 salt spray tests for over 1,000 hours
- Handle up to 95% of the conductor's breaking strength
- Allow for quick and straightforward installation
- Exposed to prolonged UV radiation per ASTM G154 standards show no significant material degradation



Applications

- Power Transmission Lines
- Telecommunications Networks
- Substation Grounding



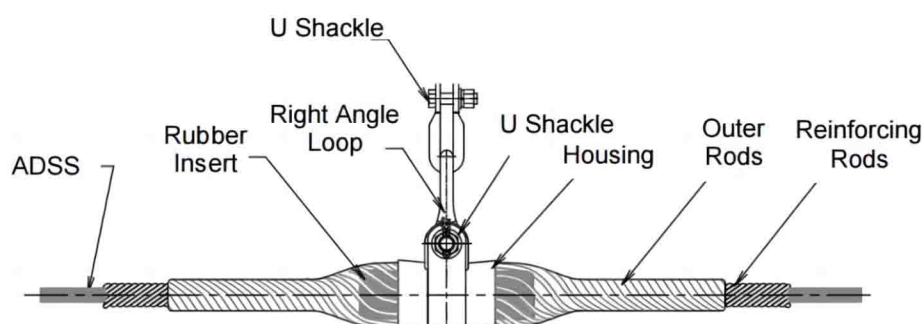
Packaging

Eg: product outlayer length 1067mm,innerlayer length 1676mm
Packed 20units/carton,1000units/wooden case

Model No.		Diameter Range		Liner						Outer Layer					
Single Clamp	Double Clamp	Mini (mm)	Maxi (mm)	Length (mm)		Wire Diameter	Number of Pitches (≥)		Number of Strands	Length(mm)		Wire Diameter	Number of Pitches (≥)		Number of Strands
				Single Clamp	Double Clamp		Single Clamp	Double Clamp		Single Clamp	Double Clamp		Single Clamp	Double Clamp	
CL-1/OPGW	CL-1/OPGW-S	9	9	1676	2134	3.7	5	7	9	1067	1524	5.2	14	18	11
CL-2/OPGW	CL-2/OPGW-S	9.7	19.1	1676	2134	3.7	5	7	9	1067	1524	5.2	14	18	11
CL-3/OPGW	CL-3/OPGW-S	10.2	10.6	1676	2134	3.7	5	7	10	1067	1524	5.2	14	18	11
CL-4/OPGW	CL-4/OPGW-S	10.7	10.7	1702	2134	3.7	5	7	10	1067	1524	5.2	14	18	11
CL-5/OPGW	CL-5/OPGW-S	11.2	11.2	1727	2134	3.7	5	7	11	1092	1549	5.2	14	18	11
CL-6/OPGW	CL-6/OPGW-S	11.7	11.7	1829	2134	3.7	5	7	10	1168	1626	6.4	14	18	11
CL-7/OPGW	CL-7/OPGW-S	11.7	12.1	1829	2134	3.7	5	7	10	1168	1626	6.4	14	18	11
CL-8/OPGW	CL-8/OPGW-S	12.1	12.7	1854	2286	3.7	5	7	11	1168	1626	6.4	12	18	11
CL-9/OPGW	CL-9/OPGW-S	12.8	12.9	1930	2286	3.7	5	7	12	1168	1626	6.4	12	18	11
CL-10/OPGW	CL-10/OPGW-S	13	13.9	1930	2388	3.7	5	7	11	1245	1702	6.4	12	18	11
CL-11/OPGW	CL-11/OPGW	13.7	14.1	1856	2388	3.7	5	7	11	1245	1702	6.4	12	18	11

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



POLE TOP MAKE OFF

Material

Made of 4 rods high strength BS 183
galvanized steel wire with BS443 finish hot dip

Features

- Easy to install and strong reinforcement
- The smooth round surface on the top can protect the conductor from damage
- Working temperature from -10°C up to +70°C

Applications

- Power transmission
- Distribution lines
- Telecommunications
- Lighting infrastructure

Packaging

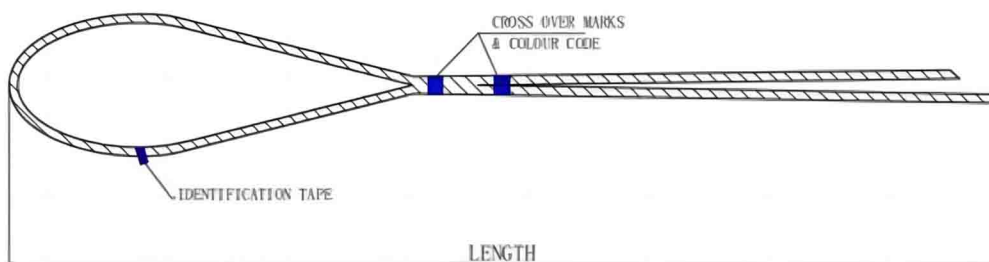
10 units packed in a wooden case



Number	Stay Dia.(mm)	Stranding(mm)	Rods	Weight(kg)	Length
PT-73	7.21	3/3.35	4	0.53	1680
PT-77	7.92	7/2.65	4	0.92	1960
PT-83	8.56	3/4.01	4	1.13	2290
PT-97	9.67	7/3.25	4	1.27	2290
PT-93	9.8	3/4.00	4	0.93	2290
PT-107	10.06	7/3.35	4	1.7	2290
PT-105	10.97	5/4.00	4	2	2290
PT-127	12.19	7/4.00	4	2.4	2290
PT-132	13.25	19/2.65	4	2	2290
PT-162	16.25	19/3.25	7	3.6	2290

Note:

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PE COATED DEAD END

Material

Made from high-quality galvanized steel wire and coated with a durable polymer layer

Features

- Provide insulation protection to prevent current leakage and short circuits
- Possess a certain degree of flexibility and elasticity, facilitating easy installation
- The outer plastic layer has excellent corrosion resistance, maintaining stable performance under extreme climatic conditions



Applications

Mounted and supported on insulators of 6-20 kV overhead lines

Packaging

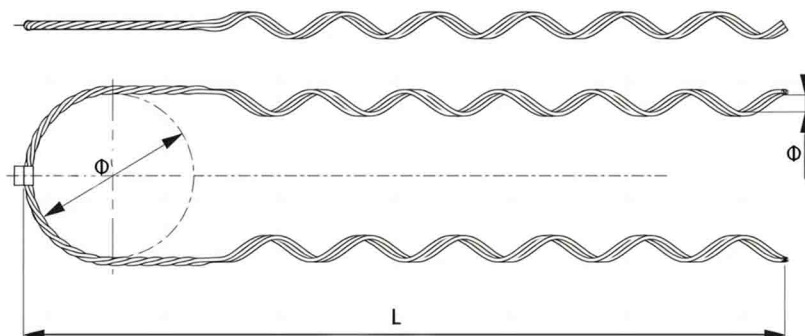
Eg: Model JSB-329, 40 units/carton, 1600 units/wooden case



Model	conductor Dia.(mm)	Insulator Neck(mm)	Number of stands	Length(mm)	Wire Dia.(mm)
JSB-035	11.0-13.0	85	3	500	2
JSB-070	14.0-16.5	85	3	530	2
JSB-017	17.0-19.0	73-85	3	600	2
JSB-62	14.2-16.7	73-85	3	460	2
JSB-99	17.0-20.0	73-85	3	510	2
JSB-241	23.0-27.0	73-85	4	720	2
JSB-329	27.0-30.0	73-85	4	720	2

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



HELICAL TOP TIE

Material

High-quality aluminum-clad steel wire

Features

- Quick and secure installation without specialized tools
- Provide a firm hold on conductors, preventing slippage
- High tensile strength and bending resistance
- Resist corrosion in harsh environments
- Reduce wear&tear on conductors due to smooth design

Applications

- Power Transmission Lines
- Telecommunications Networks
- Substation Grounding
- Electrified Railway



Packaging

Eg: product length 750mm

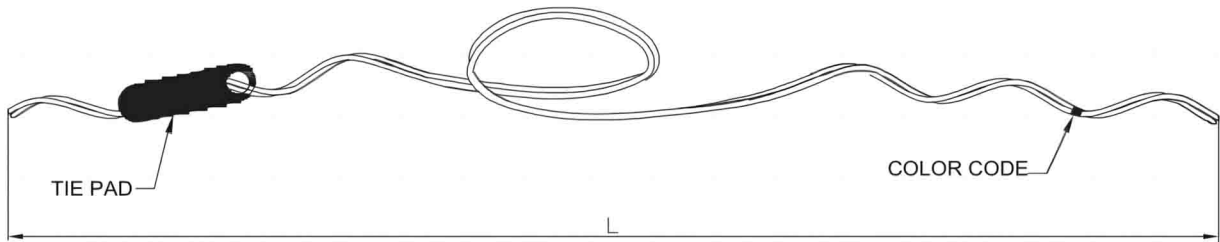
Packed 40 units/carton,1600units/wooden case



Model	conductor Dia.(mm)	Insulator Neck(mm)	Number of stands	Colour	Wire Dia.(mm)
DB-035	11.0-13.0	85	3	blue	2
DB-070	14.0-16.5	85	3	yellow	2
DB-017	17.0-19.0	73-85	3	orange	2
DB-062	14.2-16.7	73-85	3	black	2
DB-099	17.0-20.0	73-85	3	red	2
DB-241	23.0-27.0	73-85	4	purple	2
DB-329	27.0-30.0	73-85	4	brown	2

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



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HELICAL SIDE TIE

Material
High-quality aluminum-clad steel wire

- Features**
- Quick and secure installation without specialized tools
 - Provide a firm hold on conductors, preventing slippage
 - Reduce wear and tear on conductors due to smooth design
 - Resist corrosion in harsh environments

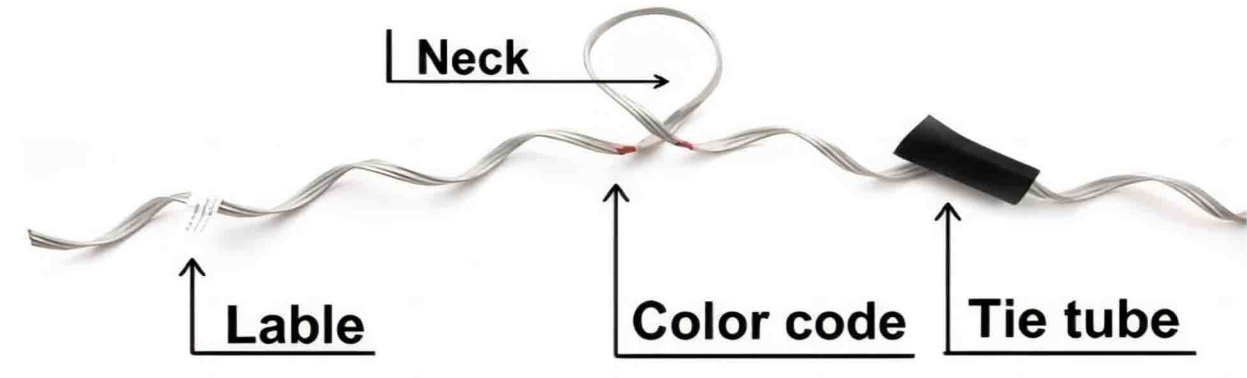
- Applications**
- Power Transmission Lines
 - Telecommunications Networks
 - Substation Grounding
 - Electrified Railway

Packaging
Cartons packed in wooden pallet



Model	conductor Dia.(mm)	Insulator Neck(mm)	Number of stands	Length	Wire Dia.(mm)
CB-035	11.0-13.0	85	3	480	2
CB-070	14.0-16.5	85	3	530	2
CB-017	17.0-19.0	73-85	3	600	2
CB-062	14.2-16.7	73-85	3	580	2
CB-099	17.0-20.0	73-85	3	620	2

- Note:**
- 1.The data in the table is based on the national standard of China.
 - 2.The products can be customized according to the drawing.



PVC HELICAL TIE

Material

Conductor material copper clad steel
and insulation material rubber

Features

- Quick and secure installation without specialized tools
- Provide a firm hold on conductors, preventing slippage
- Resist corrosion in harsh environments
- Reduce wear and tear on conductors due to smooth design

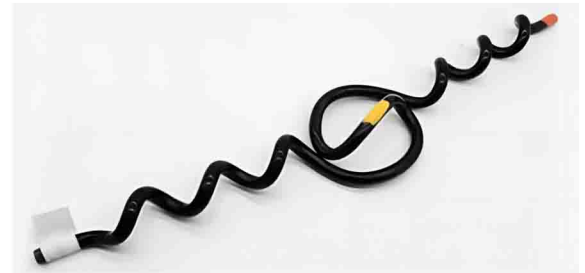
Applications

- Power Transmission Lines
- Telecommunications Networks
- Substation Grounding
- Electrified Railway

Packaging

Eg: product length 789mm

Packed 42 units/carton,1512units/wooden case



PVC Plastic Top Ties Catalog Number	Neck Diameter(mm)	OD Range (mm)	Insulator Color ID Mark	Conductor Color cold
PVDB57-1017	57	7.51-10.17	Black	White
PVDB63-1373	63	10.18-13.73	Black	Green
PVDB73-1855	73	13.74-18.55	Black	Blue
PVDB73-2338	73	18.56-23.38	Black	Orange
PVDB73-2795	73	23.39-27.95	Black	Red
PVDB73-3300	73	27.96-33.00	Black	Black

PVC Plastic Side Ties Catalog Number	Neck Diameter(mm)	OD Range (mm)	Insulator Color ID Mark	Conductor Color cold
PVSB63-1372	63	10.18-13.72	Black	White
PVSB63-2040	63	16.5-20.4	Black	Green
PVSB73-2337	73	21.0-23.37	Black	Blue
PVSB73-2794	73	23.38-27.94	Black	Orange
PVSB73-3299	73	27.95-32.99	Black	Orange

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.

Components

Aluminium alloy and galvanized cast iron

Features

- Effectively absorb and dissipate vibrations
- Straightforward installation on various equipment
- Exceptional resilience against prolonged use

Applications

- Overhead transmission line
- Overhead communication cable

Packaging

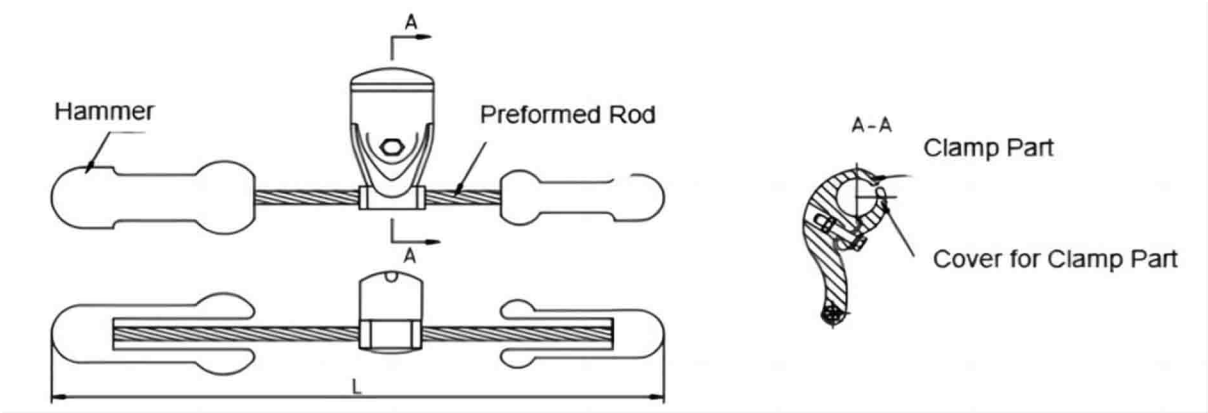
Cartons packed in wooden case



Model No.	Frequency range	Gripping range(mm)	Total length(mm)	Estimate Weight(kg)
FZC-SH-14	6Hz-150Hz	φ16.5-24.5	330	1.4
FZC-SH-25	6Hz-150Hz	φ16.5-27.0	383	2.5
FZC-SH-47	6Hz-150Hz	φ24.5-34.0	542	4.7

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



Material

Made of PVC with high intensity, anti-aging and high elastic

Features

- Can be nested (subsetting), allowing easier installation
- Thermal rating of 125°C for continuous operation
- Helically-formed PVC-based rod makes impact with the cable to disrupt the aeolian vibration standing wave
- Gripping section of the damper gently holds the cable, preventing damage from clamping forces



Applications

For use on bare conductors, shield wires and OPGW

Packaging

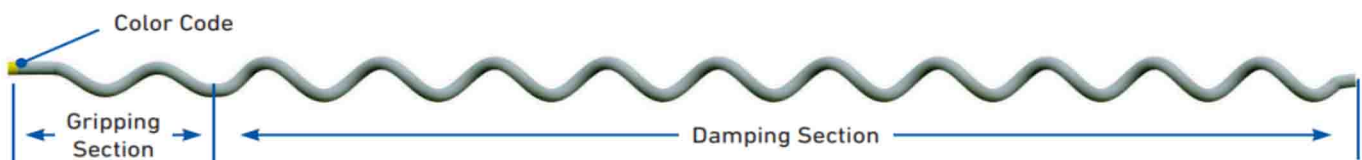
Wooden box or as required



Model No	Conductor Diameter (mm)	Wire Diameter (mm)	Length(mm)	Weight(kg)	Covered Conductor(mm2)
C027	11.5-14.5	13	1540	0.33	30-50
C028	14.3-19.5	13	1710	0.86	70-150
C029	19.3-22.5	17	1820	0.72	150-220

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



PLASTIC JOINT BOX FOR OPGW / ADSS

Application

Used for intermediate connections and branch protection of optical cable lines, providing functions such as sealing, protecting fiber optic joints and storing reserved fibers

Features

- High-quality PC + ABS ensuring resistance to vibration, impact and tensile cable deformation
- Waterproof and dustproof with a unique grounding device to ensure sealing performance

Packaging

1 set /box, 10 boxes/carton



Fiber Optic Splice Joint Box for Pole Specification

Name	Model	Core No.	Weight (kg)
Input-1,output-1 for ADSS Plastic Joint Box for Pole	AJS 02012-H*	12	1.8
	AJS 02024-H*	24	1.8
	AJS 02036-H*	36	1.8
	AJS 02048-H*	48	1.8
	AJS 02072-H*	72	1.8
	AJS 02096-H*	96	1.8
Input-2,output-2 for ADSS Plastic Joint Box for Pole (Also Suitable for input-2,output-1)	AJS 04012-H*	12	1.8
	AJS 04024-H*	24	1.8
	AJS 04036-H*	36	1.8
	AJS 04048-H*	48	1.8
	AJS 04072-H*	72	1.8
	AJS 04096-H*	96	1.8

Fiber Optic Splice Joint Box for Tower Specification

Name	Mode	Core No.	Weight (kg)
Input-1,output-1 for ADSS Plastic Joint Box for Tower	AJS 02012-T	12	1.8
	AJS 02024-T	24	1.8
	AJS 02036-T	36	1.8
	AJS 02048-T	48	1.8
	AJS 02072-T	72	1.8
	AJS 02096-T	96	1.8
Input-2,output-2 for ADSS Plastic Joint Box for Tower (Also Suitable for input-2,output-1)	AJS 04012-T	12	1.8
	AJS 04024-T	24	1.8
	AJS 04036-T	36	1.8
	AJS 04048-T	48	1.8
	AJS 04072-T	72	1.8
	AJS 04096-T	96	1.8

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



METAL JOINT BOX FOR OPGW / ADSS

Material

Aluminium alloy

Components

Splice box cover, fixing assembly, splice box sealing assembly, and spare fiber storage tray

Features

- Lifespan≥25 years in an electromagnetic field environment
- High waterproof performance with multiple seals
- Spacious interior allows for proper bending radius of fiber optic cables and adequate space for spare fiber
- Stackable fusion splice trays for flexible configuration&easy installation



Application

Used for intermediate connections and branch protection in fiber optic cable lines, providing sealing, protection for fiber optic joints and storage for spare fibers.

Packaging

1 unit / carton



Size	Fiber Optic Cable Outer Diameter	Joint Capacity	Dielectric Strength	Vibration Resistance	Sealing Performance	Temperature Range
Length 500mm, Outer dia 200mm, Inner dia 180mm	22mm	144 fibers.	15KV DC for 2 minutes without breakdown	106 cycles	100kPa for 72 hours	-40℃ to +80℃

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.

COMPOSITE INSULATORS CLEVIS EYE



Material

Core is fiberglass-reinforced resin with housing and sheds made of silicone rubber.

Features

- Clevis end connects to pins or brackets, and eye end facilitates connection to other fitting
- High dielectric strength and increased creepage distance to prevent flashovers
- Resistant to UV radiation and performs well in various climates due to silicone rubber or EPDM material.

Applications

- High-Voltage Transmission Lines
- Distribution Networks
- Railway Electrification Systems

Packaging

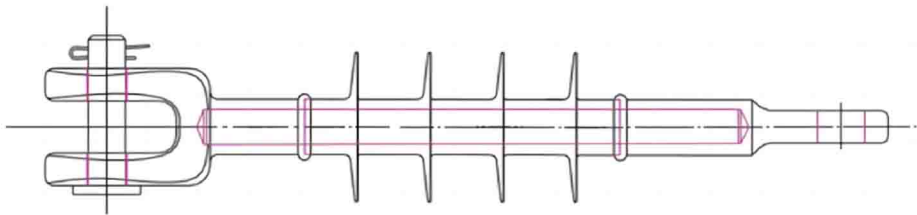
Cartons packed with wooden pallet



LINE VOLTAGE	CATALOG NUMBER	SECTION LENGTH	DRY ARCHING DISTANCE	LEAKAGE DISTANCE	LOW FREQUENCY FLASHOVER-KV			
					60Hz	CIFO		
KV		IN	IN	IN	DRY	WET	POS	NEG
15	PDI 15 -15K-CE	12.6±0.2	8	17.7	90	65	140	165
25	PDI 25 -15K-CE	16.9±0.2	12.5	26	130	100	190	210
35	PDI 35 -15K-CE	19.4±0.2	15.3	37.4	145	135	250	280

Note:

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- 2.The products can be customized according to the drawing.



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COMPOSITE INSULATORS CLEVIS EYE



Material

Core is fiberglass-reinforced resin with housing and sheds made of silicone rubber.

Features

- Excellent tensile strength and flexibility to absorb mechanical shocks
- High dielectric strength prevents electrical breakdown
- Resistant to weathering, UV radiation and corrosion
- Water-repellent surface reduces water accumulation

Applications

- High-Voltage Transmission Lines
- Distribution Networks
- Railway Electrification Systems

Packaging

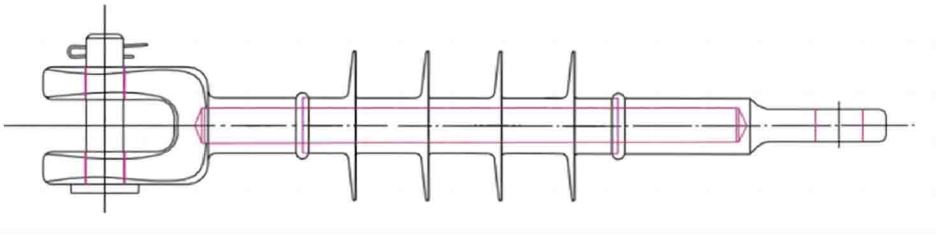
Cartons packed with wooden pallet



Model No.	Rated Power(KV)	Rated Tensile Extension Load(kn)	Connection Marker	Height (mm)	Insulation Distance(mm)	Min.Creepage Distance(mm)	Lightning Full Shock Withstand Voltage (KVP)	Wet Withstand Voltage(KV)
FXBOW4-5/70	1-5	70	16w	298±10	127	288	58	30
FXBW4-5/100	1-5	100	16w	298±10	127	288	58	30
FXBW4-5/70	1-5	70	16w	280±10	127	288	58	30
FXBW4-10/70	10	70	16w	365±10	180	500	95	60
FXBW4-10/100	10	100	16w	430±10	180	500	95	60
FXBW4-35/70	35	70	16W	640±10	489	1366	230	95
FXBW4-35/100	35	100	16W	680±10	489	1366	230	95

Note:

- 1.The data in the table is based on the national standard of China.
- 2.The products can be customized according to the drawing.



Application

Designed for testing the tensile strength of electrical insulators

Main Functions And Configuration

- 11 kW servo motor, 13L gear pump, 10" touch screen with a micro printer
- Two control systems for tension and bending
- The main frame with 300 H steel, the inner space 8.5 meters
- Speed & tension can be adjusted on touch screen, auto speed change in the case of tension & pressure holding time

Measurement

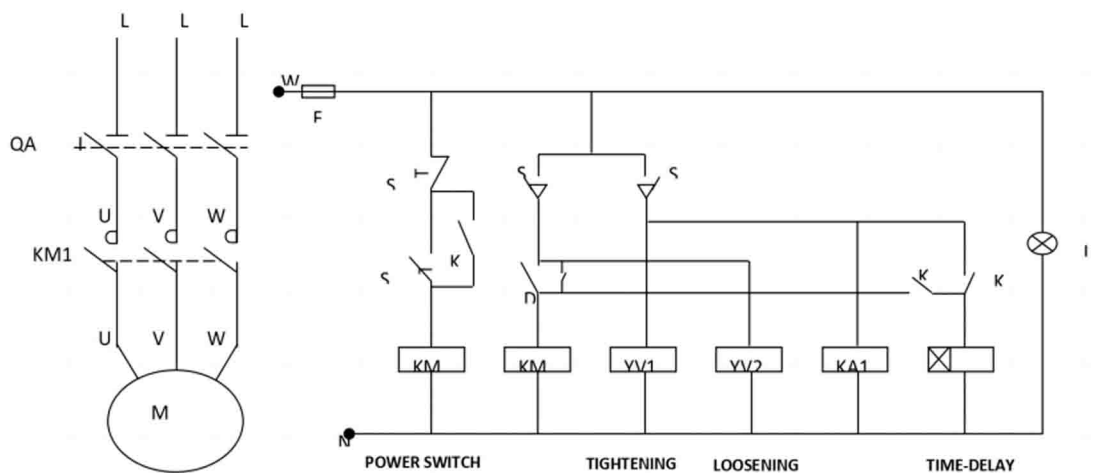
- 5m(L) x 0.5m(W) x 1.2m(H)
- 8.5m(L) x 0.8m(W) x 1.2m(H)

Packaging

Packed in wooden case



Electrical Schematic Diagram



Note:

The size of the horizontal tensile testing machine can be customized.

SHENGHENG
POWER

- This machine is used to crimp composite insulator fittings and insulating rods together

- It uses uniform shrinking and deformation of the fitting to create slight elastic deformation on the insulating rod's outer circle

-
- A yellow and green industrial machine, likely a steam engine or boiler, with a large circular opening in the upper section and two doors at the bottom. The machine has a green frame and yellow panels. The circular opening is surrounded by a green ring with a black wheel-like structure inside. Below this, there is a row of five small, colorful buttons (white, red, green, blue, red). At the bottom, there are two yellow doors with a green handle. A small plaque is visible on the upper right side of the machine.

- SH-YJ-1: 0.5m(L) x 0.5m(W) x 1.5m(H) ; 800kg(weight)
- SH-YJ-2: 1.0m(L) x 1.2m(W) x 1.8m(H) ; 1500kg(weight)

Cartons packed with wooden pallet

Note:
The size of the machine can be customized.

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SHENGHENG POWER

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