



PREFORMED LINE PRODUCTS



Established in 17 countries, Preformed Line Products Group (PLP) designs and manufactures high quality accessories for the installation and the security of telecommunication and energy networks (Energy Distribution and Transmission), of which it has become one of the world's leading players. PLP is also present in railway, solar and other specialized industries. PLP provides a constant added value and an incomparable

support to its customers.

The expertise of our fifteen R&D centers (including 3 in Europe and 1 in Africa) allows us to offer customized solutions to the Operators for any market and on all types of new projects. PLP plants are equipped with testing capabilities allowing to define and test the solutions depending on cables and customer specifications.

Our service for the deployment of FTTH in France

PLP is the inventor of preformed technology (1947), which has been used for nearly 70 years worldwide by all Operators on their communication and energy networks. It is often referred to as «spiral» products in France and «helical» or "formed wire" products in other countries. Pioneer in this field, PLP has become the world leader in optical dielectric overhead cable accessories, with more than 10 million systems installed on all continents. PLP was also the designer of solutions for the protection of dielectric cables against wind phenomena.

PLP continues to innovate and has developed a new optimized

range of ADSS fittings suitable for the new generation of round ADSS Fiber Optic aerial cables with micromodule technology used over short spans (typically span < 80 m) in France by the main Operators for the FTTH broadband national plan.

Our technicians are at your disposal to guide you and validate the best choice of accessories according to the cable specifications and the line parameters of your installation. We also offer our standard range of cable accessories and pole hardware for long spans applications, which can exceed 400 m.

Why do we recommend to use fittings with the helical technology for round dielectric optical cables?

It is accepted by all industry players that sole the formed wire technology is performing on ADSS Fiber optic cable on long span applications (spans > 100 meters).

Given their success on copper networks, conical wedge clamps have begun to be used on short ranges of ADSS OF cables. Until today, there was no optimized offer of helical fittings suitable for these new generation of ADSS FO cable in France.

With its new Fiberlign® range, PLP now offers the most suitable products for spans < 80 m.

Lighter, robust, compact and aesthetically pleasing, they provide greater protection for the fiber and help to guarantee the integrity of the cable and the stability of the installation parameters (sag, tension, etc.) over time, to the constraints that the line could undergo.

They are particularly economical because:

- quick installation («all-in-one» device, without tools and secure) and easier adjustment,
- · reduction of the error rate at the installation,
- reduced re-interventions in after-sales service,





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PRODUCT SELECTION GUIDE PER NETWORK TYPE / SUPPORT

Anchoring and sus	Network	Telecom supports	Low voltage supports	Others (public lighting)	Medium voltage supports	Medium voltage supports		
		Span		Up to 80 m	1	From 80 m	Up to	
Products	Reference	Page n°		-		to 200 m	400 m*	
Formed wire dead-ends	A000X	5 and 6	✓	✓	✓			
Formed wire dead-ends with reinforcing rods	AWRFO-XX AXRFOC-XX	7 7				✓ ✓	✓	
Helical suspensions	S100X	5 and 6	✓	✓	✓			
Helical suspensions reinforcing rods	AWFSO-XX	8				✓		
AGS suspension clamps	GSAFO-XX	9					✓	

^{*} Beyond 400 m, please consult us.

Pole hardware	Netw	ork	Teled	com	Other	s (public	lighting	g,)	Low vo	ltage	Medium	voltage
	Natui	re of	Wooden Pole	Steel Pole	Facade	Wooden Pole	Concrete Pole	Steel Pole	Wooden Pole	Steel Pole	Wooden Pole	Steel Pole
	supp		Pole	Fole		Fole	Pole	Pole	Pole	Fole	Fole	Fole
				ш			18	ш		ш		1
Products	Reference	Page n°										
5-hole cross-arm	TV507	10	✓	✓	✓	✓		✓	✓		✓	
11-hole cross-arm	TV514	10	✓	✓	✓	✓		✓	✓		✓	
13-hole cross-arm	TV515	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	
15-hole cross-arm	TV519	10					✓			\checkmark		✓
Drop anchoring plate	FERE	10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Square base bracket	SMLQ539	10					✓			✓		\checkmark
Wooden pole bracket for low voltage wooden pole	SMLPB	10	✓			✓			✓		✓	
Wooden pole bracket for telecom wooden pole	SML516	10	✓			✓						
Universal pole hardware	UPH	11	✓	✓		✓	✓	✓	✓	✓	✓	✓
Double drop bracket	CSL16U	11	✓	✓		✓		✓				
Suspension bracket	CS1500	11	✓			✓	✓		✓	✓	✓	1
Double anchoring bracket	CA1500	11	✓			✓	✓		✓	✓	✓	V
Pigtail bolt suspension bracket	CSLS-BQC	11	✓			✓	✓		✓		✓	v
Double anchoring bracket	CANC12	11	✓			✓	✓		✓		✓	
Suspension hook bracket	CCRO12	11	✓			✓	✓		✓		✓	
Pigtail bolt with plug	BQC12CH	12			✓							
Pigtail screw for wooden support	CVBQC	12	✓			✓						
Pigtail screw for concrete support	CVEQC	12			✓							
Collar bracket for wooden pole	CNV160	13	✓			✓			✓			
Pole bracket with pin	SEMAG12	13	✓	✓		✓			✓			

ACCESSORIES FOR ADSS CABLES ON SHORT SPAN NETWORKS

01

Preformed Line Products France offers its new range of formed wire anchoring and suspension for overhead ADSS FO cables for short spans, specific to the Engineering used in FttH networks in France for the national Broadband Plan. Tested according to French and European standards, these anchoring and suspension fittings use the helical technology, the most adapted and appreciated solution in the world for round ADSS Fiber Optical cables.

01/1 - Accessories for aerial FTTH drop cables

Compliant to the Orange specifications CCF / DI / BUBI (20.05.2010)

The new preformed anchoring devices guarantee the durability of your network and the stability of the installation parameters. They reduce your installation and service costs and minimize your storage expenses.

CHARACTERISTICS

- "All-in-one" simple and intuitive fixation, fast and secure (1 installer only)
- Direct installation on cross-arms, brackets, starter brackets and other pole hardware of the French network (UPH ...)
- · Tool-less assembly / disassembly
- · Stability of installation parameters (no slip)
- · Designed for the life of the network
- Tested according to IEC 60794-1 (according to NF EN 60794-1-2)

HELICAL DROP CABLE DEAD-ENDS

MAXIMUM SPAN: 80M

Accombly instruction





Reference	Description	Thimble	Ø mm	Weight (kg)	Pack.	Colour code
A0001	Drop cable dead-end	Included	4,0 - 4,8	0,03	120	
A0002	Drop cable dead-end	Included	4,8 - 6,2	0,03	120	

HELICAL DROP CABLE SUSPENSIONS

MAXIMUM SPAN: 80M

Thanks to their high slippage resistance, these very compact helical suspension fittings can replace a double anchoring dead-end for in-line installations (line angle up to 25°).

Product benefits:

- Suitable for line angle up to 25-degrees
- · Excellent slippage resistance achieved with preformed technology
- · S-link option for installation on cluttered pole hardware





Reference	Description	Thimble	Ø mm ou Lxl	Weight (kg)	Pack.	Colour code
S1000	Drop cable suspension	Included	4,0 - 4,8	0,03	120	
S1001	Drop cable suspension	Included	4,8 - 6,2	0,03	120	
10056	S-link		62 x 30			

ACCESSORIES FOR ADSS CABLES ON SHORT SPAN NETWORKS

01/2 - Accessories for aerial FTTH distribution cables

Compliant to the Orange specifications CCF / DI / BUBI (20.05.2010)

Preformed Line Products offers a new range of formed wire dead-end and suspension for overhead FO cables on short spans, specific to the French market. Tested according to French and European standards, these fittings are made with the helical technology, the most adapted and appreciated solution worldwide for round ADSS Fiber Optic cables. They can be installed on each hole of the cross-arms.

CHARACTERISTICS

- "All-in-one" simple and intuitive fixation, fast and secure (1 installer only)
- Installation directly on cross-arms, brackets, drop departure brackets and other pole hardware used in the French networks (UPH ...)
- Tool-less assembly / disassembly
- · Stability of installation parameters (no slip)
- Designed for the life of the network
- Tested according to NF EN/IEC 60794-1-2 standards

HELICAL DEAD-END

MAXIMUM SPAN : 80M

Product benefits:

· Stability of installation parameters of the overhead line (no cable slipping)





Reference	Description	Thimble	Ø mm	Weight (kg)	Pack.	Colour code
A0002			4,8 - 6,2	0,03	120	
A0003			6,2 - 7,8	0,10	80	
A0004	Dead-end	Included	7,8 - 9,5	0,13	80	
A0005	fitting		9,5 - 10,7	0,14	60	
A0006			10,7 - 12,8	0,15	50	
A0007			12.8 - 15.0	0.18	40	

Note: for the use of these accessories on reinforced cables, provided for long spans, please consult us.

HELICAL SUSPENSIONS

MAXIMUM SPAN: 80M

Thanks to their high slippage resistance, these very compact helical suspension fittings can replace a double anchoring dead-end for in-line installations (line angle up to 25°). They are very compact and can be installed on adjacent holes on the cross-arms.

Product benefits

- Suitable for line angle up to 25-degrees
- Excellent slippage resistance achieved with preformed technology
- · S-link option for installation on cluttered pole hardware



Reference	Description	Thimble	Ø mm	Weight (kg)	Pack.	Colour code
S1001			4,8 - 6,2	0,05	50	
S1002	Helical evenencies		6,2 - 7,8	0,05	50	
S1003	Helical suspension	Included	7,8 - 9,5	0,06	50	
S1004	fitting		9,5 - 10,7	0,06	50	
S1005			10,7 - 12,8	0,09	50	
S1006			12,8 - 15,0	0,10	50	

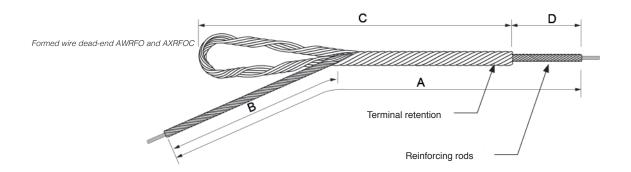
Note: for the use of these accessories on reinforced cables, provided for long spans, please consult us

02/1 - Formed wire dead-ends with reinforced rods

Invented by PLP, preformed anchors have enabled the first deployments of overhead FO cables in the world. They incorporate proven technology to protect ADSS cables.

CHARACTERISTICS

- Protective underlay that distributes the traction effort along a higher cable surface
- Protection against torsion and temperature changes thanks to reinforcement rods
- Resistance to at least 90% of the cable breaking load
- Two versions AWRFO and AXRFOC respectively for span ranges ≤ 200 m and ≤ 400 m (depending on cable specifications and load conditions)
- Use on any type of support



HELICAL DEAD END - AWRFO

MAXIMUM SPAN: 200M

Reference	Ø mm	Thimble	Weight (kg)	Colour code
AWRFO-01	9,00 - 9,99		0,90	
AWRFO-02	10,00 - 10,82		1,02	
AWRFO-03	10,83 - 11,69		1,17	
AWRFO-04	11,70 - 12,50		1,30	
AWRFO-05	12,51 - 13,26		1,40	
AWRFO-06	13,27 - 14,50	Included	1,41	
AWRFO-07	14,51 - 15,50		1,56	
AWRFO-08	15,51 - 16,80		1,63	
AWRFO-09	16,81 - 17,80		1,84	
AWRFO-10	17,81 - 18,50		1,85	
AWRFO-11	18,51 - 20,00		1,87	
AWRFO-12	20,01 - 21,45		2,30	
AWRFO-13	21,46 - 22,90		2,52	

Contact us for product dimensions

HELICAL DEAD END - AXRFOC

MAXIMUM SPAN: 400M

Reference	Ø mm	L	engh	ts (mn	n)	Thimble	Weight	Colour
		Α	В	C	D		(kg)	code
AXRFOC-01	8,25 - 10,69	1500	400	890	408		2,00	
AXRFOC-02	10,70 - 11,47	1900	450	980	760		2,46	
AXRFOC-03	11,48 - 12,45	2000	450	950	920		2,59	
AXRFOC-04	12,46 - 13,06	2000	450	950	920		2,65	
AXRFOC-05	13,07 - 13,77	2150	500	950	1020	Included	2,72	
AXRFOC-06	13,78 - 14,49	2150	500	1300	870		4,22	
AXRFOC-07	14,50 - 15,17	2300	550	1300	970		4,24	
AXRFOC-08	15,18 - 15,85	2300	550	1300	970		4,32	
AXRFOC-09	15,86 - 16,80	2300	550	1500	990		4,55	
AXRFOC-10	16,81 - 18,24	2450	550	1500	1095		4,69	

ACCESSORIES FOR ADSS CABLES ON LONG SPAN NETWORKS



02/2 - Helical Suspensions with reinforced rods

Invented by PLP, preformed suspension devices are a very reliable and economical solution for alignment when installing ADSS cables.

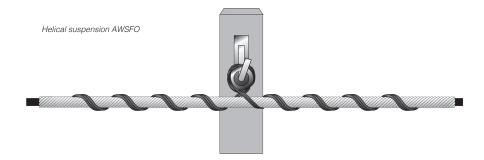
CHARACTERISTICS

- Composed of aluminum alloy reinforcing rods, this solution avoids deterioration of the optical fiber inside the ADSS cable
- Excellent slippage resistance

- Steel core thimble at the suspension point
- Can be used on any type of support for spans ≤ 200 m (depending on cable specifications and load conditions)

HELICAL SUSPENSIONS - AWSFO

MAXIMUM SPAN: 200M



Reference	Ø mm	Thimble	Weight Colour (kg) code
AWSFO-01	12,51 - 13,26		0,75
AWSFO-02	13,27 - 14,50		0,75
AWSFO-03	14,51 - 15,50		0,77
AWSFO-04	15,51 - 16,80		0,85
AWSFO-05	16,81 - 17,80	Included	0,94
AWSFO-06	17,81 - 18,50		0,96
AWSFO-07	18,51 - 20,00		0,98
AWSFO-08	20,01 - 21,45		1,07
AWSFO-09	21,46 - 22,90		1,11

ACCESSORIES FOR ADSS CABLES ON LONG SPAN NETWORKS

02/3 - Antivibration suspension clamps

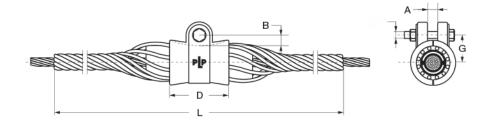
PLP was the inventor in the 1950s of this solution which remains widely used all over the world. The ADSS cable is subjected to high dynamic and static forces at the suspension point. Wind vibrations, friction, ice load, bending angles can damage the optical fiber in your cable. The AGS (ARMOR-GRIP Suspension) clamp allows a reliable suspension while ensuring the durability of your network.

CHARACTERISTICS

- Preformed rods and aluminum alloy body
- · Neoprene shell (elastomer reinforced with aluminum sheet)
- Compatible with ADSS cables on distribution networks for spans ≤ 400 m and above (please consult us)

SUSPENSION CLAMPS - AGS

MAXIMUM SPAN.: 400M



Reference	Ø mm	Dimensions (mm)		Breaking	Weight	Colour			
		L	Α	В	D	G	load (daN)	(kg)	code
GSAFO-01	8,71 - 9,03	1800	23	36	64	55		0,93	
GSAFO-02	9,04 - 9,52	1800	22	36	64	55		0,93	
GSAFO-03	9,53 - 9,90	1800	22	36	64	55		0,94	
GSAFO-04	9,91 - 10,28	1800	22	36	64	55		0,98	
GSAFO-05	10,29 - 10,63	1800	22	36	64	55		0,99	
GSAFO-06	10,64 - 11,04	1800	22	36	64	55	5000	0,99	
GSAFO-07	11,05 - 11,45	1800	22	36	64	55		1,05	
GSAFO-08	11,46 - 11,95	1800	22	36	64	55		1,05	
GSAFO-09	11,96 - 12,23	1800	22	36	64	55		1,05	
GSAFO-10	12,24 - 12,69	1800	22	31	76	55		1,54	
GSAFO-11	12,70 - 13,02	1800	22	31	76	55		1,54	
GSAFO-12	13,03 - 13,48	1800	22	31	76	55		1,62	



03/1 - Pole hardware (wood / steel / concrete)

CROSS-ARMS AND FIXATION BRACKETS

CHARACTERISTICS

TV507

CROSS-ARM

L-shaped cross bar 40 x 40 mm – Hot-dip galvanized steel

TV514

· For wooden, steel or concrete poles

Cross-arm TV519

Fixation with M14 bolts (BH1425)



Reference	Description	Weight (kg)	Pack.
TV507	5-hole cross-arm	0,43	10
TV514	11-hole cross-arm	0,93	10
TV515	13-hole cross-arm	1,80	10
TV519	15-hole cross-arm	2,41	10



DROP ANCHORING PLATE

- Fixation on the cross-arm extremity with M14 bolt (BH1425) Hot-dip galvanized steel
- Allows the departure of (5) subscriber cables (A000X dead-ends)

Reference	Description	Weight (kg)	Pack.
FERE	Drop anchoring plate	0,26	50

POLE BRACKETS SMLQ539

- Square base bracket for concrete pole Hot-dip galvanized steel
- (2) SMLQ539 required for the fixation of a 13-hole (TV515) or 15-hole (TV519) cross-arm - assembly with (2) M14 bolts (BH1425)
- Fastening with two 20 mm steel bands (F2004C or F2007C)

SMLPB

- Bracket for wooden pole Hot-dip galvanized steel
- Fixation of the cross-arm with (2) M14 connecting bolt (BH1425)
- Fastening with two 20 mm steel bands (F2004C or F2007C)

SML516

- Fixing base plate on wooden pole for cross-arms Hot-dip galvanized steel
- Cross-arm fixing by a M14 through bolt (BH14225) on the upper hole and with a coach screw (VQ1280) on the lower hole (for anti-rotation)





TV515

Reference	Description	Weight (kg)	Pack.
SMLQ539	Concrete pole square base bracket	0,35	50
SMLPB	Low voltage wooden pole bracket	0,59	30
SML516	Telecom wooden pole bracket	0,41	50





BRACKETS

CHARACTERISTICS

CSL16U

- · Double drop dead-end bracket
- Fixation with (1) 20 mm steel band (F2004C or F2007C) or with (1) M14 or M16 bolt (BH1425)
- · Connection of up to 2 drop dead-ends

CS1500

- Suspension bracket for S100X fittings
- High strength aluminum alloy
- Allows the direct fixation of (1) helical suspensions (S100X)
- Mounted to the pole with (2) steel bands, or (1) band + (1) M14 or M16 bolt

CA1500

- Double anchoring bracket for A000X fittings
- · High strength aluminum alloy
- Fastening on pole by (2) 20 mm bands or (2) M14 bolts or (1) M14 bolt + (1) M12 coach screw

UNIVERSAL POLE HARDWARE - UPH

- · High strength aluminum alloy
- Installation on wooden, steel or concrete poles with (1) bolt M14 or M16 or (2) 20 mm steel bands
- · Several uses:
 - Anchoring bracket for fixing of 3 dead-ends or up to 5 drop dead-ends
 - Anchoring bracket for guying application (See Guying section)
 - Bracket for installation of cross-arms (TV514 and TV515) with (2) M14 bolts (BH1425)

PIGTAIL BOLTED SUSPENSION BRACKET CSLS-BQC

- Fastening on wooden or concrete pole by two 20 mm bands
- With BQC1250 equipped with nut and lock nut
- · Allows the installation of suspension devices

















Reference	Description	Material	Weight (kg)	Pack.
CSL16U	Drop dead-end bracket	Galvanized steel	0,03	50
CS1500	Suspension bracket	Aluminum	0,18	50
CA1500	Double anchoring bracket	Aluminum	0,19	50
UPH	Universal pole hardware	Aluminum	0,23	50
CSLS-BQC	Suspension bracket with pigtail bolt BQC1250	Galvanized steel	0,17	50
CANC12	Double anchoring bracket	Galvanized steel	1,10	6
CCRO12	Hook bracket	Galvanized steel	0,96	6

NUTS & BOLTS

CHARACTERISTICS

BQC12CH

For the connection of a dead-end (A000X) on facade

CVBQC

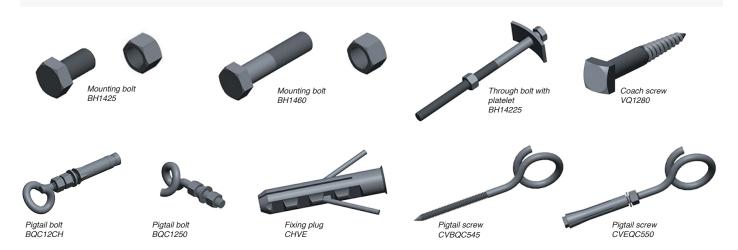
 Screw for fixing on wooden frame or concrete facade with wall plug CHVE

CVEQC

Screw for fixing on concrete facade with expanding wall plug

CHVE

 Wall plug for fixing on concrete facade for pigtail screw CVBQC



Description	Material	Dimensions (mm)	Weight (kg)	Pack.
Mounting bolt	Galvanized steel	14 x 25	0,07	100
Mounting bolt	Galvanized steel	14 x 60	0,10	100
225mm Through bolt with platelet	Galvanized steel	Threading 145 mm	0,36	25
M12 Coach screw	Galvanized steel	12 x 80	0,08	100
2 mm Pigtail bolt with plug	Galvanized steel	12 x 50	0,21	50
2 mm Pigtail bolt + 2 nuts	Galvanized steel	12 x 50	0,31	30
Fixing plug on concrete facade for CVBQC screws	Plastic	Ø 8 mm drilling	-	50
Fixing plug on concrete facade for CVBQC screws	Plastic	Ø 12 mm drilling	-	50
Pigtail screw for wooden pole	Stainless steel	5 x 45	0,02	50
Pigtail screw for wooden pole	Stainless steel	8 x 50	0,07	50
Pigtail screw for concrete with expandable plug	Stainless steel	5 x 50	0,03	50
Pigtail screw for concrete with expandable plug	Stainless steel	8 x 50	0,09	50
	flounting bolt flounting bolt 25mm Through bolt with platelet flounting bolt 25mm Through bolt with platelet flounting bolt flounting bolt flounting bolt flounting bolt flounting bolt flounting plug flounting bolt fl	flounting bolt with platelet flounting flounting flounting flounting flounting flounting bolt fl	Idounting bolt Galvanized steel 14 x 25 Idounting bolt Galvanized steel 14 x 60 25mm Through bolt with platelet Galvanized steel Threading 145 mm Id Coach screw Galvanized steel 12 x 80 2 mm Pigtail bolt with plug Galvanized steel 12 x 50 2 mm Pigtail bolt + 2 nuts Galvanized steel 12 x 50 ixing plug on concrete facade for CVBQC screws Plastic Ø 8 mm drilling ixing plug on concrete facade for CVBQC screws Plastic Ø 12 mm drilling ixing plug on concrete facade for CVBQC screws Plastic Ø 12 mm drilling igtail screw for wooden pole Stainless steel 5 x 45 igtail screw for concrete with expandable plug Stainless steel 5 x 50	Idounting bolt Galvanized steel 14 x 25 0,07 Idounting bolt Galvanized steel 14 x 60 0,10 Idounting bolt Galvanized steel 14 x 60 0,10 Idounting bolt with platelet Galvanized steel Threading 145 mm 0,36 Id Coach screw Galvanized steel 12 x 80 0,08 Id m Pigtail bolt with plug Galvanized steel 12 x 50 0,21 Id m Pigtail bolt + 2 nuts Galvanized steel 12 x 50 0,31 I ixing plug on concrete facade for CVBQC screws Plastic Ø 8 mm drilling - I ixing plug on concrete facade for CVBQC screws Plastic Ø 12 mm drilling - I igtail screw for wooden pole Stainless steel 5 x 45 0,02 I igtail screw for concrete with expandable plug Stainless steel 5 x 50 0,03

BANDS & BUCKLES

	ce-Band* 430)	L x I (mm)	Weight (kg)	Roll (m)	Pack.
F2007C	F2007P	20 x 0,7	C 5,60 / P 5,80		
F2004C	F2004P	20 x 0,4	C 3,25 / P 3,45	50	5
F1007C	F1007P	10 x 0,7	C 2,75 / P 2,95		
F1004C	F1004P	10 x 0,4	C 1,65 / P 1,85		

FxxxxC: carton box reel band / FxxxxP: Plastic box reel band

Reference*	Description	Dimensions (mm)	Weight (kg)	Pack.
BCL10MM	Buckle	10	0,35	40
BCL20MM	Buckle	20	0,75	20
BCL10MMR	Reinforced buckle	10	0,32	40
BCL20MMR	Reinforced buckle	20	0,90	15

^{*}For AISI 304 or AISI 316 band and buckle references, add suffix -304 or -316 at the end of the reference (example: F2007C-304)







Steel band



03/2 - Guying accessories

CHARACTERISTICS

UNIVERSAL POLE HARDWARE UPH

- Anchoring bracket for fixing a TL12-OO turnbuckle with an MD10 shackle
- High strength aluminum alloy
- Installation on wooden, steel or concrete pole with (1) bolt M14 or M16 or (2) 20mm steel bands (F2004C or F2007C)

FIXING RING FOR WOODEN POLE

- · Attachment of a turnbuckle eye-eye to pole head
- · Hot-dip galvanized steel

TURNBUCKLE

- Allows cable tension adjustment
- Hot-dip galvanized steel

POLE BRACKET WITH ROD

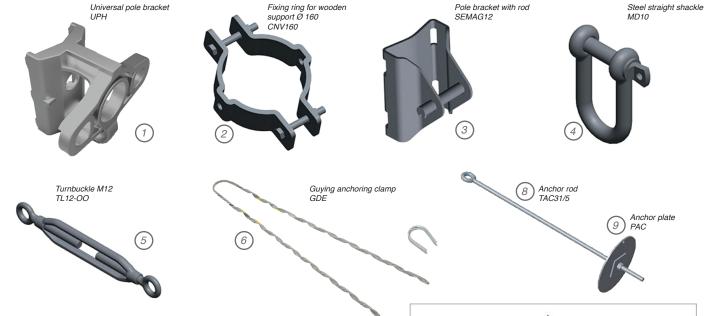
Assembly with (2) 20mm steel bands (F2004C or F2007C)

STRAIGHT SHACKLE - MD10

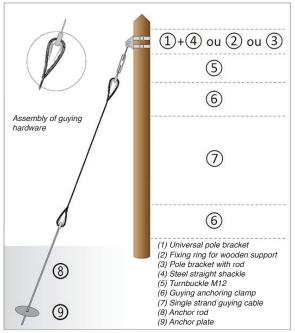
- Fixation point between turnbuckle eye-eye (TL12-OO) and universal pole hardware (UPH)
- Fixation of the Guy Grip Dead-end (GDE) with the turn-buckle eye-eye (TL12-OO)

GUY GRIP DEAD-END - GDE

- The world's most used system for guying applications
- Fast and reliable installation without any tool
- No risk of installation error due to improper clamping
- Ensures a greater resistance than the breaking value of the cable and very stable parameters over time
- · Thimble included



Reference	Description	Weight (kg)	Pack.
UPH	Universal pole bracket	0,23	50
CNV160	Fixing ring for wooden support Ø 160 mm	3,66	3
SEMAG12	Pole bracket with rod	0,54	30
MD10	10 mm steel straight shackle	0,21	30
TL12-00	Turnbuckle M12	0,48	80
GDE	Guying anchoring clamp	0,28	60
HAB	Single strand guying cable 7 x 2,1 mm	0,21/m	100 m
TAC31/5	Anchor rod + nut + platelet	2,33	25
PAC	Anchor plate Ø 200 mm	1,22	20



PROTECTION ACCESSORIES AGAINST WIND PHENOMENA FOR OVERHEAD OPTICAL FIBER LINES

In the vibratory field too, PLP is the pioneer and the inventor of cable protection systems against wind phenomena, which can be critical especially on medium and long spans (typically on spans > 100 meters). Our technicians are at your disposal to advise you on their use.

04/1 - SVD - Vibration damper

Invented by PLP to dampen the high-frequency vibrations occurring on overhead ADSS cables, the SVDs testify to our expertise and the quality of our engineering.

CHARACTERISTICS

- Lightness and protection against corrosion guaranteed by a PVC made structure
- Spiral shape to distribute the load, avoiding cable compression

Reference	Ø Range (mm)	Length (m)	Weight (kg)
SVD-01	6,35 - 8,30	1,24	0,22
SVD-02	8,31 - 11,72	1,30	0,23
SVD-03	11,73 - 14,32	1,35	0,25
SVD-04	14,33 - 19,57	1,65	0,38
SVD-05	19,58 - 22,27	1,80	0,51
SVD-06	22,28 - 25,42	1,90	0,60
SVD-07	25,43 - 30,50	2,28	0,68





04/2 - Air Flow Spoiler - Protection against galloping

To limit the effect of the galloping phenomenon characterized by low frequency oscillations and high amplitude, PLP invented an efficient solution: the AFS (Air Flow Spoiler).

CHARACTERISTICS

- Rigid and anti-corrosion structure in thermo-plastic material
- Wind and frost effect reduction due to its irregular shape
- · Cable life increase
- Can be used on all spans



Reference	Ø Range (mm)	Length (m)	Weight (kg)	Pack.	Colour code
AFS-100	6,35 - 8,28	4,11	0,45		
AFS-101	8,31 - 11,70	4,11	0,45		
AFS-102	11,73 - 14,30	4,27	1,02		
AFS-103	14,33 - 19,30	4,42	1,09		
AFS-104	19,33 - 23,52	4,57	1,93	1	
AFS-105	23,55 - 25,88	4,65	2,04		
AFS-106	25,91 - 29,59	4,80	2,49		
AFS-107	29,62 - 37,31	4,88	2,61		
AFS-108	37,34 - 40,69	5,18	4,31		
AFS-109	40,72 - 44,75	5,33	4,42		



PREFORMED LINE PRODUCTS



PLP TEAM
TRAIN INSTALLERS
from A to Z

The PLP France team offer training as part of a first implementation of their products. To benefit, you just need to contact us :

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