



■ PPOLE



➔ Insulating and pentagonal telescopic sticks

➤ STANDARDS

- IEC 62193
- IEC 60855-1
- ASTM F 1826
- IEC 61235/S

➤ USE

The insulating telescopic stick achieves great heights up to 39'4" (12 m) while maintaining a compact folded maximum length 5'11" (1,80 m). The stick is constituted of 3 to 9 elements, which can be adapted to all configurations of use. Their can be used in a wide temperature range (-25 à 55°C), indoors or outdoors.

With to their remarkable mechanical properties, these sticks give multiple application as:

- Operating switch (opening, closing, replacement of welding)
- Installation and removal: lifeline, hook measuring, cleaning the overhead line conductors.
- Voltage detection.
- Pruning.
- Lifting overhead cable.
- Grounding of distribution networks from the ground with the unfolding the stick PPOLE up right.

➤ ADVANTAGES

➤ Round terminal tube CEI60855-1 / ASTM F711

The terminal tube is a round tube built on a rigid waterproof polyurethane foam.

➤ Weight / Stiffness

Each stick's tubes were designed to optimize its modulus of elasticity and also their weight.

➤ Shape

By its unique shape, curved pentagonal brings a feeling of exceptional taking in hand, while remaining close to a cylindrical shape commonly used for the sticks. Moreover, this form is used to transmit important torque efforts torsion during operation requiring an action of tightening or loosening.

➤ Lock button

The locking elements is provided automatically when deploying the pole by a wide sturdy bi-material button. Unlocking and folding is achieved by a simple action on the button.

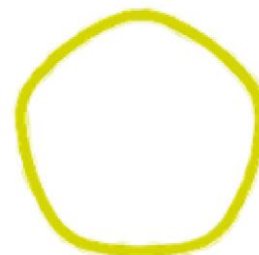
➤ CHARACTERISTICS

Composition: 2 - 8 composite yellow tubes Reinforced by Fiber Glass complying with IEC 61235/S standard

1,1" (Ø28 mm, terminal element) composites tubes Reinforced by Fiber Glass on a polyurethane stiff foam complying with IEC 60855-1 standard

Rubber end cap at the bottom

End fitting: Universal (U), Bayonet (B) or Hexagonal (APV)



U



B



APV



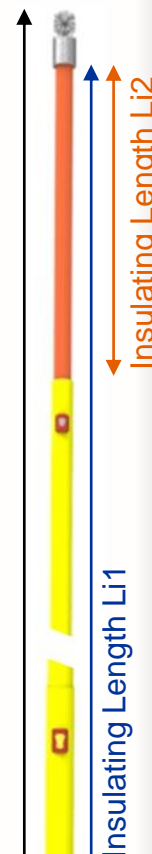
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REFERENCES

References	Number of element	Length		Insulating Length		Rated Voltage (Li1)
		Folded	Unfolded	Li1	Li2	
PPOL3/035USC - APV - B	3	4'9" (1,45 m)	12'2" (3,70 m)	8'0" (2,45 m)	4'3" (1,30 m)	170 kV
PPOL4/050USC - APV - B	4	4'11" (1,51 m)	16'4" (5,00 m)	12'2" (3,70 m)		245 kV
PPOL5/060USC - APV - B	5	5'2" (1,58 m)	20'8" (6,30 m)	16'7" (4,97 m)		420 kV
PPOL6/075USC - APV - B	6	5'5" (1,65 m)	25'3" (7,70 m)	20'8" (6,29 m)		525 kV
PPOL7/090USC - APV - B	7	5'7" (1,70 m)	29'1" (9,10 m)	25'1" (7,65 m)		765 kV
PPOL8/105USC - APV - B	8	5'11" (1,80 m)	34'7" (10,55 m)	29'9" (9,07 m)		900 kV
PPOL9/120USC - APV - B	9		39'4" (12,00 m)	34'7" (10,53 m)		

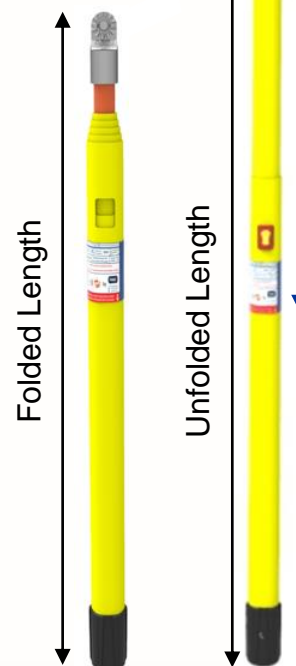


* The rated voltage will be reduced to 132kV under high humidity, fog or rain (Li2).

Option:

Carrying bag

References of carrying bag	References of concerned sticks
HPPOLE/150	PPOL3
HPPOLE/170	PPOL4/PPOL5/PPOL6
HPPOLE/190	PPOL7/PPOL8/PPOL9



150 cm (4'11") – 170 cm (5'7") – 190cm (6'3")

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