

MAIN ADVANTAGES



No electrical conductivity



Eco friendly



Easy to assemble



High mechanical resistance



Low weight



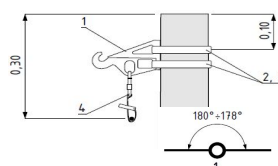
UV protection

TKPW Composite Telecommunication Pole Mounted in the Ground

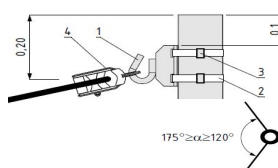
Column symbol	LPH (m)	H (m)	GH (m)	PF (kN)	BD (mm)	TD (mm)	W (kg)	Max PF (kN)	Classification EN 12767:2019 (EN 12767:2008)
TELETECHNIK 7,0/0,3kN	7,0	5,8	1,2	0,3	140	110	13	0,36	Class 0
TELETECHNIK 7,0/0,7kN	7,0	5,8	1,2	0,7	140	110	16	0,84	
TELETECHNIK 7,0/1,6kN	7,0	5,8	1,2	1,6	165	120	22,5	1,92	
TELETECHNIK 7,0/2,5kN	7,0	5,0	2,0	2,5	200	150	22,5	3,0	
TELETECHNIK 8,5/0,3kN	8,5	7,3	1,2	0,3	165	120	17,5	0,36	
TELETECHNIK 8,5/0,7kN	8,5	7,3	1,2	0,7	165	120	27	0,84	
TELETECHNIK 8,5/1,6kN	8,5	7,3	1,2	1,6	165	120	31	1,92	
TELETECHNIK 8,5/2,5kN	8,5	6,5	2,0	2,5	240	200	42,5	3,0	
TELETECHNIK 10,0/0,3kN	10,0	8,5	1,5	0,3	165	120	25	0,36	
TELETECHNIK 10,0/0,7kN	10,0	8,5	1,5	0,7	193	140	29	0,84	
TELETECHNIK 10,0/1,6kN	10,0	8,5	1,5	1,6	193	140	50	1,92	
TELETECHNIK 10,0/2,5kN	10,0	8,0	2,0	2,5	240	200	59	3,0	

Technical data for Composite Pole

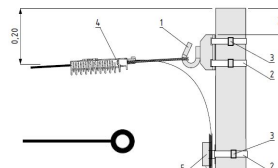
Vehicle impact classification	Class 0 (Not tested)
Finish	Smooth surface with seam; conical shape. Pole made of fiberglass-reinforced composite.
Resistance	Corrosion-resistant (including fungal), UV- and salt-resistant, non-conductive, anti-graffiti, anti-poster, and easy-to-clean surface.
Pole Length (LPH)	Standard total length of the pole
Height (H)	Standard height above ground level Direct burial installation.
Mounting (GH)	Minimum burial depth selected for average soil category. Verification of soil type and compliance with Building Law is the responsibility of the project designer and depends on specific site conditions.
Apical force (PF)	Maximum working force at the pole top
Base Diameter (BD)	Standard diameter at the pole base
Top Diameter (TD)	Standard diameter at the pole top
Breaking Strength (Max PF)	Breaking force at the top of the pole (Safety factor = 1.2)
Standards	Wind load per PN-EN 1991-1-4, terrain category II, $C_v = 26$ m/s, class B, outside stiffness classification Design and verification per PN-EN 40-3-1, PN-EN 40-3-3, PN-EN 40-7 Dimensions and tolerances per PN-EN 40-2 No CE marking / B marking – only Manufacturer's Declaration of Conformity
Span Distance	Up to 50 meters (depending on application and apical force)
Additional Information	Poles with custom parameters can be manufactured on request. Design of the line layout and selection of appropriate pole based on apical force is the responsibility of the project designer.



Example Mounting – Through-Line Pole. Fitting* consists of an aluminum pole bracket PS-100 (1), a through-line clamp (4), and a strap with clamp (2, 3).

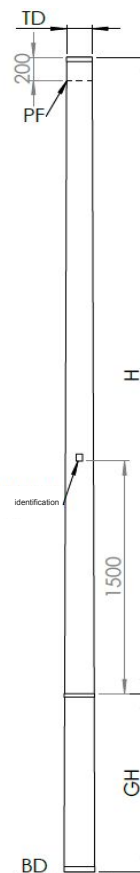


Example Mounting – Corner Pole. Fitting* consists of an M16 hook suspension (1), a corner bracket (4), and a clamp with strap (2, 3).



Example Mounting – Terminal Pole Fitting* consists of an M16 hook suspension (1), a tension (dead-end) bracket (4), a clamp with strap (2, 3), and a splice enclosure (5).

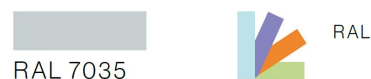
* Fittings are not part of the offer.



Telecommunications Line – Design Example

Application Type	Apical force (PF)	Span	Cable Type
Through-line (Straight)	0,3kN	30m	MADC 2J-type cable
Through-line (Straight)	0,7kN	50m	ADSS-12J,ADSS-24J,ADSS-36J,ADSS-48J,ADSS-72J,ADSS-96J,ADSS-144J
Corner Pole	0,7kN	30m	MADC 2J-type cable
Corner Pole	1,6kN	50m	ADSS-12J,ADSS-24J,ADSS-36J,ADSS-48J,ADSS-72J,ADSS-96J,ADSS-144J
Terminal Pole	0,7kN	30m	MADC 2J-type cable
Terminal Pole	1,6kN	50m	ADSS-12J,ADSS-24J,ADSS-36J,ADSS-48J,ADSS-72J,ADSS-96J,ADSS-144J
Terminal-to-Terminal	2,5kN	50m	ADSS-12J,ADSS-24J,ADSS-36J,ADSS-48J,ADSS-72J,ADSS-96J,ADSS-144J

Colour



Possibility to produce poles in any RAL colour