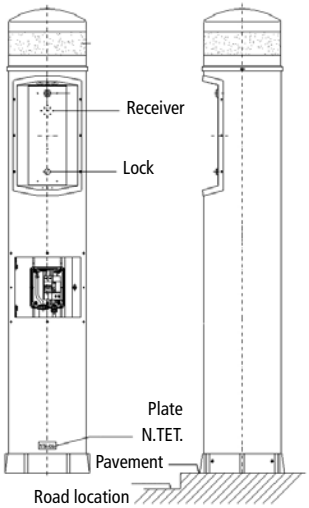
Miscellaneous fibreglass components

Column
Series LTE/TX
FIBREGLASS "TAXI" POLE

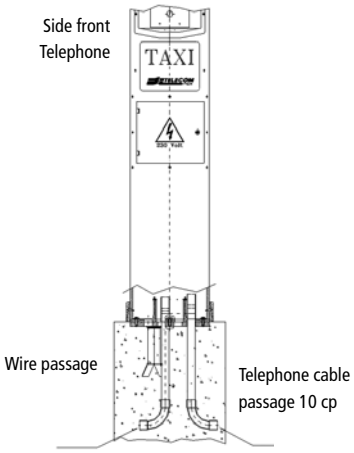
Article code: T0PL0037

	Height (mm)	Diameter (mm)
Overall dimensions	1950	320



Technical characteristics:
- Yellow rotationally moulded fibreglass.
- Fire resistance in accordance with regulation UL 94, class VO.
- Protection level: IP 6X e X5 in accordance with CEI EN 60529.

General characteristics:
- The fibreglass "taxi" pole, is an excellent solution for taxi call waiting at selected shelters. It is configured for optical and acoustic signalling during the day and optical at night; while the conversation system via a reserved access telephone is managed by speakerphone. The Column includes a post in rotationally moulded fibreglass, telephone with key-switch, metallic components in stainless steel, illuminated signalling, acoustic signalling, and locked door to access the power switch and anchorage plate.
- The modern production technology as well as the characteristics of the materials used, confer it high mechanical attributes, make it easy to transport and install, resistant to chemical and atmospheric agents, thermally-isolated, is maintenance free, self-extinguishing, a modern and functional design with smooth and uniform surfaces. Standard colour is yellow.
- Certifications: The pole is in compliance with Technical Specification n.91-8 of Telecom S.p.A.
- Installation is via anchorage plate with brackets embedded in small concrete blocks.



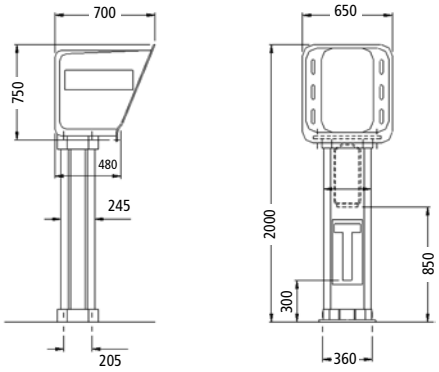
LTE/TX

Railway
Series FS/PN

FIBREGLASS WAYSIDE POST and BOOTH UNITS for RAILWAYS

Article code: **T0PO0077 full assembly**

Code	Article code	Height (mm)	Width (mm)	Depth (mm)	Weight (Kg)
N1ST0133	Post	1240	414	261	20
N1ST0134	Booth	740	645	700	16



Technical characteristics:

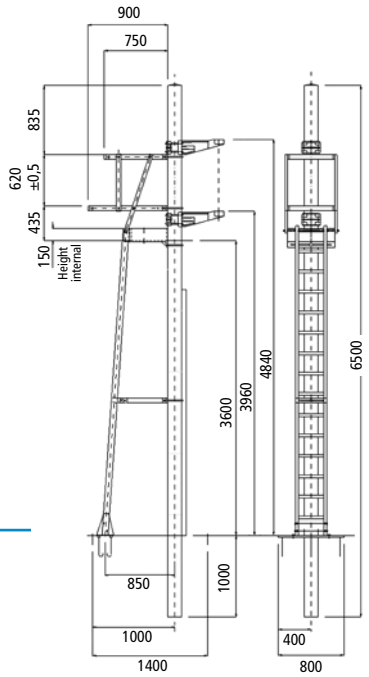
- SMC (Fibreglass) standard colour Grey RAL 7001.
- Poltruded fibreglass standard colour Grey RAL 7001.
- Semi expanded polycarbonate, injection moulded, colour Grey Ral 7001.

General characteristics:

- The fibreglass post and booth units are a valid support for railway applications, and an important solution to protect wayside phones from rain and noise, and to install shunt boxes. The post is made of an injection moulded base and head in semi expanded polycarbonate, a removable rear cover, mounting brackets, a removable front cover provided with a standardised FS (national railway) lock in poltruded fibreglass; hot zinc plated steel load distribution plate – stainless-steel nuts and bolts. The booth in pressed fibreglass consists of a protective enclosure for the wayside telephone, a document holder, a document drawer with a front door including a standardised FS (national railway) lock (key type), a stainless-steel hook for service lanterns, a rear plate black on white to indicate the telephone location (T) and a lateral plate black on white to indicate the progressive distance (km).
- The post is mounted on a concrete base, while the booth can be mounted on the post or on walls.
- The modern production technology as well as the typical characteristics of the materials used, confer it high mechanical attributes, make it easy to transport and install, resistance to chemical and atmospheric agents, thermally-isolation, self-extinguishing, maintenance free, no grounding, a modern and functional design with smooth and uniform surfaces. Standard colour is Grey RAL 7001.
- Certifications: The post and booth are the only commercially available solutions in compliance with the FS Technical Specification for telephone transmissions n. TT 510 • TT 3156 • TT 3157. They are also used by the more important companies in the railway construction industry.
- The post and booth can be supplied together or separately.

FS/PN

Railway
Series FS/AU1-3
FIBREGLASS EQUIPMENT TO SUPPORT LUMINOUS SIGNALS for RAILWAY APPLICATIONS



Article code: **See Table**

Code	Description	Series
T0PO0077	Complete UNIFER Equipment 1 light	FS/AU1
T0PO0071	Complete UNIFER Equipment 2 lights	FS/AU2
T0PO0072	Complete UNIFER Equipment 3 lights	FS/AU3

Technical characteristics:
- SMC (Fibreglass) standard colour Grey RAL 7038.
- Poltruded fibreglass standard colour Grey RAL 7038.
- Fire resistance in accordance with regulation UL 94, class VO.

General characteristics:
- This equipment is an excellent solution for supporting luminous railway signals and a valid alternative to the metal structure.
- The equipment includes: a poltruded fibreglass pole (cat. FS 825/655) and one or more high-pressure moulded fibreglass shelves. (cat. FS 825/656).
- Standard accessories (cat. FS 825/657): ladder, poltruded fibreglass safety rails – high-pressure moulded fibreglass platform – mounting element kit in stainless steel – extra fold-away safety rail and platform in case of a 3 light signal (cat. FS 825/658) – ladder base plate in hot zinc-plated steel (cat. FS 825/446).
- This equipment is for external use and must be installed via an anchorage plate on a concrete plinth.
- The modern production technology as well as the typical characteristics of the materials used, confer it high mechanical attributes, make it easy to transport and install, resistance to chemical and atmospheric agents, thermally-isolation, self-extinguishing, maintenance free, no grounding, a modern and functional design with smooth and uniform surfaces. Standard colour is Grey RAL 7038.
- Certifications: The equipment has been approved by FS S.p.a. (Italian National Railways) and is in compliance with Technical Specifications concerning the FS signalling structures n° IS 212 e 418.
- Supply: The equipment is available in different versions able to accommodate one, two or three luminous signals, both for external and tunnel use.

Fibreglass fence enclosure
Series RV/1
FIBREGLASS FENCE ENCLOSURE

Article code: **See Table**

Code	Standard measures
N0PO0004	fence module L = 2meters, H = 1,142 meters plus K
N0PO0005	fence module L = 2 meters, H = 1,230 meters plus K
N0PO0008	fence module L = 2 meters, H = 1,500 meters plus K
N0PO0009	fence module L = 2 meters, H = 1,500 meters plus K

Note: "K" is an extra variable added height as per customer request.

Technical characteristics:

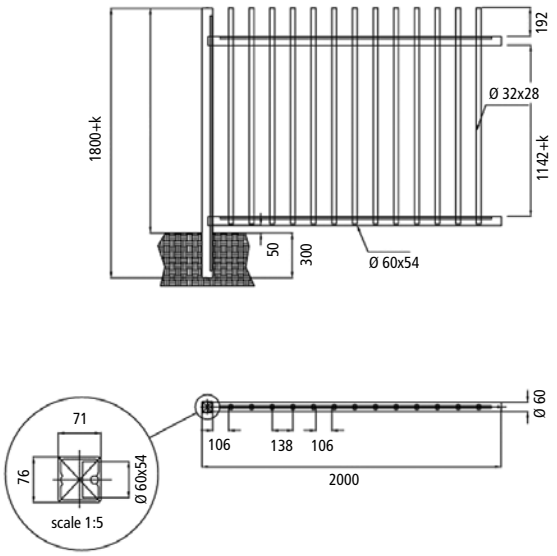
- Polyester resin profiles reinforced with glass fibre (Fibreglass), manufactured using poltrusion – a technique which permits using continuous fibres.

General characteristics:

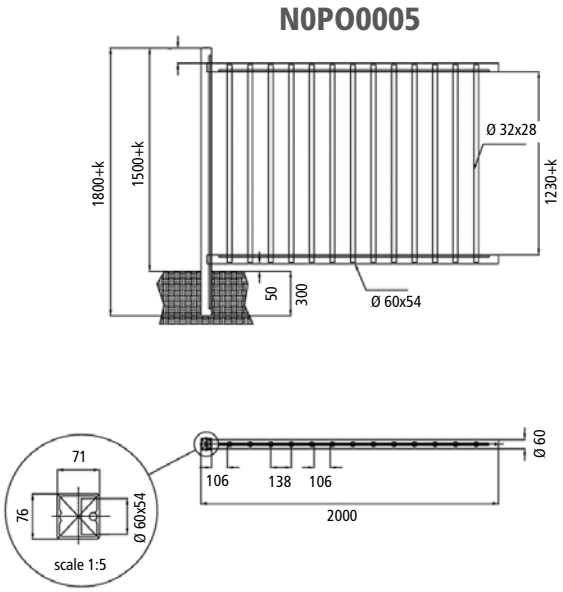
- NTET fibreglass fence enclosures are excellent reinforced barriers in high electromagnetic risk areas such as airports and radio towers, or in areas with aggressive atmospheric conditions, such as those in the vicinity of industrial and sea regions. The modern production technology as well as the typical characteristics of the materials used, confer it high thermal isolation, and above all absence of electromagnetic interferences. Other attributes include high mechanical performance, resistance to corrosion, no grounding, no maintenance, low cost, easy to transport and mount, and a modern and functional design with smooth and uniform surfaces, as well as a good environmental impact.
- NTET fibreglass fence enclosures are made of standard modules, and gate modules with optional anti intrusion systems in optical fibre. Modules are assembled by joining profiles with constant cross-sections.
- Installation, which is eased by its lightness and the special interlocking system, is effected by inserting the pillars in ground to a depth of about 50 cm. There are also specific modules available for uneven ground.
- Standard modules have the following dimensions:
- above ground height is 1,80 meters.
- Standard width is 2 meters.
- The NTET fibreglass fence enclosure has also been subject to the following requisite tests:
- Bending resistance of any element over 2000 N.
- Wind resistance of the entire structure over 1800 N/m^2 (D.M. 12-02-82, area 4 - high wind) safety coefficient above 3.
- Fence enclosures can be supplied at any cross-section, height and width. The gate is 90 cm wide while its height depends on the type of fence requested.
- Standard colours are grey or wood green with other colours available on request.

RV/1

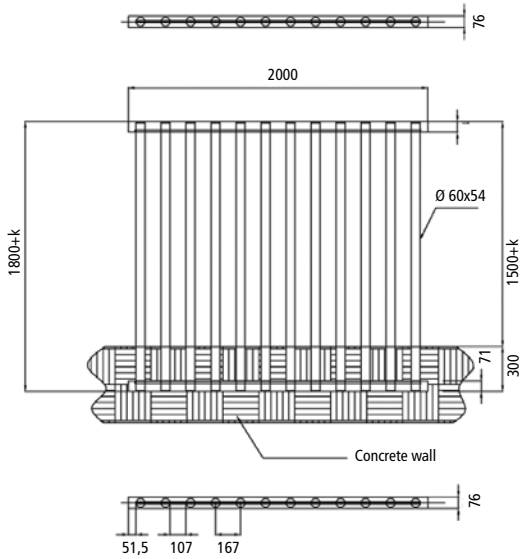
N0PO0004



N0PO0005



N0PO0008



N0PO0009