

Solutions in railway infrastructure



Research as standard

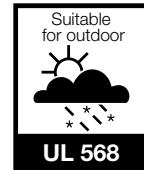


www.unex.net

Insulating solutions in railway infrastructure

Safety:

- Electrical:
 - Dielectric strength: protection against the risk of electrocution through indirect contact.
- In front of fire:
 - Reduces the risk of electrical arcs and fire sources.
 - Own formulation of our raw materials, providing outstanding features with regards to standard ones.
- Reliability of the signal transmitted:
 - Avoids eddy currents and facilitates the control of the grounding system.



Cost reduction:

- Earthing not required:
 - No need for copper conductors.
 - No costs derived from connecting the conducting element to the grounding system or from periodical checking.
- No induced or leakage currents, avoiding premature corrosion which usually affects metallic channelling.

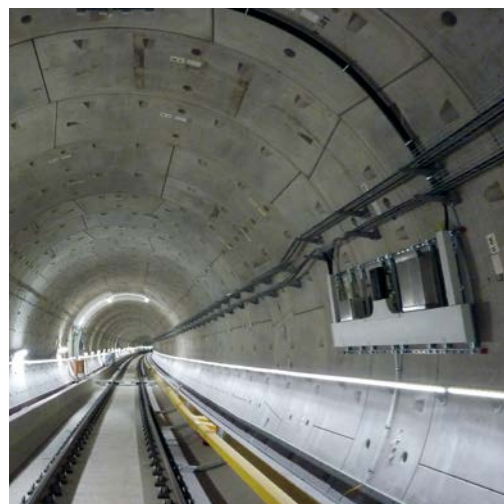
Over 35 years experience in outdoor installations:

- Non-metallic material: resistance to corrosion caused by outdoor exposure or by saline, polluted or chemically aggressive environments.
- Sturdy design, high impact resistance.
- Good performance outdoors and suitable for UV exposure, due to our own formulated raw materials.

Mounting and integration

- Complete system of accessories and supporting elements in grey RAL 7035:
 - Several mounting arrangements are possible.
 - Homogeneous colour of the trays, trunkings and fittings, perfectly fitting with other constructive elements.
- Can be painted.

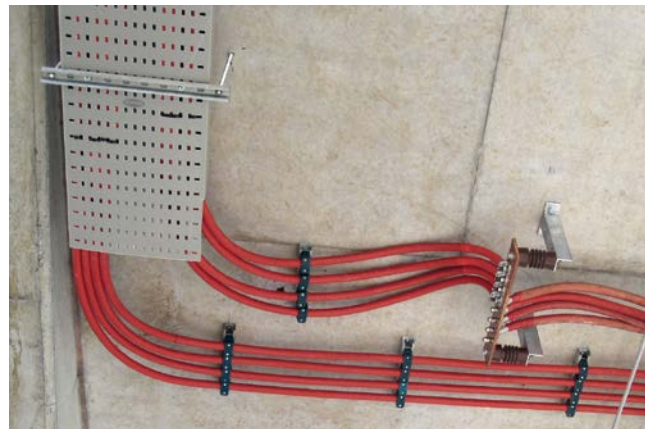
Cable distribution along the railway tracks (bridges, viaducts, tunnels, etc.)



Gantries and catenaries



Substations and technical rooms



Stations and shelters



Insulating solutions in railway infrastructure



In order to achieve enhanced features, Unex formulates its raw materials and gives them a specific name to outstand them from standard ones. The quality of Unex solutions is guaranteed by the strict accomplishment of product and application standards, as well as by obtaining Quality Marks and Approvals.

See updated information of each part number on www.unex.net

Insulating cable tray 66 in U23X



Insulating cable tray 66 in U41X U43X



Trunking 73 in U23X White RAL 9010



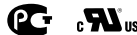
Trunking 73 in U23X Light grey RAL 7035



Trunking 73 in U41X U43X White RAL 9010



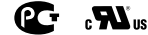
Slotted trunking 77 in U23X



Slotted trunking 88 in U43X



Cable ties 22 in U61X



Unex tools for specification

Unexproject: your tool for configuration and dimensioning.

www.unex.net



Available through Data Portal

Complete stock and reliable delivery through our world-wide distribution network



Germany

Unex Kabelsysteme und -elemente GmbH
Am Wallgraben 100
DE-70565 Stuttgart (Vaihingen)
Phone: +49 711 78 19 35 30
Fax: +49 711 78 19 35 59
e-mail: stuttgart@unex.net
Branch office: Ratingen

France

Unex systèmes et éléments, S.A.S.
Parc Technologique
3 place Berthe MORISOT
69791 Saint Priest Cedex
Phone: +33 4 78 43 69 55
Fax: +33 4 78 43 71 99
e-mail: unex@unex.fr
Branch offices: Aix en Provence, Lyon, Nantes, Paris, Strasbourg

Italy

Unex sistemi ed elementi, srl.
Viale Enrico Forlanini 23
20134 Milano
Phone: +39 02 8732 3153
e-mail: italia@unex.net

Spain

Unex aparellaje eléctrico, S.L.
Rafael Campalans, 15-21
08903 L'Hospitalet de Llobregat
Barcelona (Spain)
Phone: +34 93 333 87 00
Fax: +34 93 333 56 58
e-mail: international@unex.net
Branch offices: A Coruña, Barcelona, Bilbao, Gijón, Las Palmas, Madrid, Mallorca, Murcia, Sevilla, Tenerife, Valencia, Valladolid, Zaragoza

R.M. de Barcelona, T.32709, F.81,
H. B.214578 VAT. ES B62204011

Portugal

Retrica Aparelhagem Eléctrica, Lda.
Rua Soeiro Pereira Gomes,
Lote 1, 4º C
1600-196 Lisbon
Phone: +351 21 781 64 20
Fax: +351 21 781 64 29
e-mail: unex@unex.pt
Branch office: Porto

Chile

Unex aparellaje eléctrico Chile Ltda.
Centro Empresas "El Cortijo"
Av. Américo Vespucio Norte 2680,
Of. 27
C.P. 8551378 - Conchalí
Santiago - Región Metropolitana
Phone: +56 (2) 2623 49 81
Fax: +56 (2) 2624 15 73
e-mail: unex@unex.cl



Our quality management system complies with the requirements of UNE-EN ISO 9001: 2008 for the design, production and commercialization of **Unex Systems**.

Unex aparellaje eléctrico, S.L., as a policy, patents its products.
Own design and production. **Unex aparellaje eléctrico, S.L.** does not manufacture for other trademarks.

Unex is a registered trademark of Unex aparellaje eléctrico, S.L.
© Unex aparellaje eléctrico, S.L., 2016

Fusion

Unex Products - Australia

Fusion is the Australian stockist for Unex Cable Management Systems. For more information about Unex products in Australia contact us today.

fusionaus.com

KIM100EN0.1 July 2016

It is the responsibility of the person in charge of product selection for a specific application to look for the right product, according to the standards applicable in every country. Unex aparellaje eléctrico S.L. disclaims all responsibility due to incorrect use of the product or to unforeseen circumstances.