



Research as standard

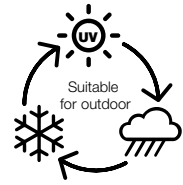
Solutions in photovoltaics



www.unex.net

Insulating solutions in photovoltaic facilities

The International Standard IEC 60364-712 describes the recommended requirements for photovoltaic installations, which usually have specific constraints: Operating power which can be higher than 700V DC; no RCD's providing electrical protection between PV panels and inverters; maintenance without switching off the power; climatology (rain and humidity, corrosion, UVs, wind, extreme temperatures, etc).



To meet the requirements of cable conduction and protection in the different areas of photovoltaic facilities, Unex offers a wide range of possibilities providing:

- Electrical safety:
 - Insulating material. High dielectric strength.
 - Earthing not required.
 - Avoids leakage currents, hot spots and electrical arcs.
- Mechanical resistance. Sturdy design, high impact resistance even at low temperatures.
- Resistance to corrosion.
- Over 40 years experience in outdoor installations.
- Protection for the cables.
- Quick and easy mounting.
- No maintenance.

Solar rooftops with tilted panels



Solar rooftops with horizontal panels



Amorphous silicon panels



Inverters and technical rooms



Solar farms



Own formulated raw materials

With enhanced technical characteristics and our own naming system.

U23X **U43X** **U48X**

Solutions adapted to weathering and extreme climatology

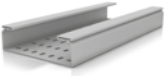
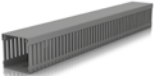





Cable conducting elements may reach a higher temperature than the surrounding area due to close heat sources and to the effects of the sun and reflection. Unex solutions cover a temperature range from -50°C to +90°C (-58°F to +194°F) in outdoor applications.

For further information, please contact us: technical.assistance@unex.net.

Certified systems

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 on www.unex.net

<p>Insulating cable tray 66</p> <p><input type="checkbox"/> U23X <input type="checkbox"/> U48X</p> <p>Halogen free</p> 	<p>Slotted trunking 77</p> <p><input type="checkbox"/> U23X</p>  	<p>Cable ties 22</p> <p><input type="checkbox"/> U61X</p> <p>Halogen free</p> 
<p>Trunking 73</p> <p><input type="checkbox"/> U23X <input type="checkbox"/> U43X</p> <p>Halogen free</p> 	<p>Slotted trunking 88</p> <p><input type="checkbox"/> U43X</p> <p>Halogen free</p> 	<p>Cable ties 22 HD</p> <p>For chemical environments</p> <p><input type="checkbox"/> U71X</p> <p>Halogen free</p> 

Colour: Grey RAL 7035 / Grey RAL 7038 / White RAL 9010 / Grey RAL 7030 / Blue RAL 5012 / Black

Configurator and Unexproject

Your online tools for configuration and dimensioning.

www.unex.net



Available through Data Portal

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



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