

Space Wire

TEMCO Wire Products Ltd manufacture high specification and reliable silver-plated conductors for use as Space Wire - the most extreme of applications, where there is no margin for error.

Our precision stranding capabilities produce high performance conductors with excellent flexibility and durability. We manufacture to the tightest tolerances - giving high quality signal performance and lightweight constructions to maximise weight saving opportunities.

Silver plating provides an excellent resistance to corrosion, and with our established expertise we can easily achieve the high plating thickness requirement of 3 microns, on the finest wire diameters, to safeguard against even the most aggressive forms of corrosion such as "red plague".

The silver plating also protects the wire against extreme temperature fluctuations, ranging from high temperatures (up to 200°C) and down to cryogenically low temperatures (below -150°C) to which the wiring may be exposed in this most hostile environment.

The technologies developed for this ultra-critical and high-tech application can be utilised to great effect for more earthly applications – if we can satisfy this most exacting market, then this expertise can give a distinct advantage when transferred to any number of specialist applications.

Records of Revision

Version	Date of revision	Contents of revision	Reason for revision
1	05/2025	New issue refresh from 2013	Website update