# RF, Photonics & Optics

SGA
Poole Limited
technical plating services

## Connecting the future

SGA Poole Limited
technical plating services

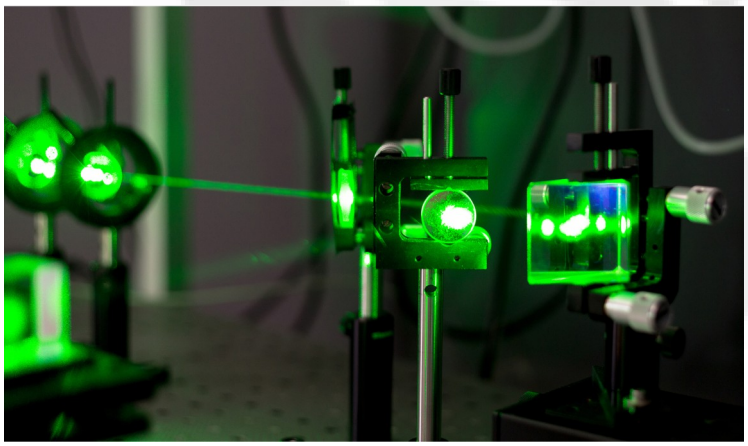
# RF, Photonics & Optics

SGA Poole Limited deliver high quality technical plating solutions that meet the rigorous requirements of industries such as Military, Aerospace, RF & Communications

With a commitment to precision and reliability, we help our customers achieve superior performance, all while maintaining strict regulatory compliance to ISO 9001:2015 and ISO 14001:2015

## Why work with SGA Poole Ltd?

- Unmatched quality meeting certified industry standards
- A wide range of specialised plating finishes
- Skilled and experienced in-house technical team
- Advanced testing and laboratory facilities
- Solutions for high-temperature and harsh environments
- Barrel and jig plating for small to medium volumes
- Automated production lines to meet high-volume demands



## Examples of applications SGA Poole has worked on:

- Telemetry
- Wireless meter reading
- Fibre optic telecoms
- Radar
- SoC Modules
- Robotic remote control
- Photonic applications
- Quantum computing

**Specialists in Technical plating**

**Call +44 (0)1202 673640 today**

**or visit us at www.sgapoole.com**

bsi ISO 9001 Quality Management Systems CERTIFIED Q05599 ISO 14001 Environmental Management CERTIFIED EMS552700

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# Mil & Aerospace

SGA Poole can offer the following plating finishes commonly used in Military & Aerospace applications:

| Finish | Key Reasons |
|---|---|
| **Silver** | Excellent electrical conductivity<br>Improved signal transmission for HF applications<br>Corrosive resistant<br>Cost effective |
| **Gold** | High wear resistance<br>Smooth finish good for solderability<br>Heat shuelding<br>Good electrical conductivity |
| **Nickel plating** | Exceptional corrosive resistant properties<br>Durability<br>Wide compatibility with other finishes<br>Increased wear resistance of component<br>Withstands harsh environments |
| **Chemical Polishing / Clean finish** | High degree of surface planarity<br>Improved reflective properties, especially on complex geometries<br>Minimal surface damage<br>Process compatible with several materials |

**Please contact SGA Poole below for more information, or to discuss your requirement today**


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