

Taoglas SURG Series

## Lightning Surge Protection

### High-Performance Protection for Mission-Critical Connectivity

Reliable connectivity is essential across public safety, industrial, transportation, and mission-critical networks, but outdoor installations face constant threats from lightning strikes, electrical surges, and ESD events. Taoglas Lightning Surge Protectors deliver robust, low-loss protection for RF systems, ensuring maximum equipment uptime and safeguarding sensitive radios, gateways, routers, and antenna systems.

Engineered with precision-machined components, wide-band RF performance, and rugged environmental stability, the Taoglas surge protector series offers reliable surge suppression without compromising signal integrity. Whether deployed on masts, vehicles, towers, or outdoor control panels, these units provide a proven first line of defense for high-value communications equipment.

#### Benefits:

##### Wideband DC-6 GHz Protection

Covers cellular, GNSS, Wi-Fi, ISM, LMR/P25, and public safety frequency bands, so just one solution for all RF systems.

##### Low Loss, High Reliability

Engineered for minimal signal degradation while offering robust surge and lightning protection.

##### Rugged & Installation-Ready

Bulkhead options for panel mounting, with industry-standard SMA and N-type interfaces for plug-and-play deployment.

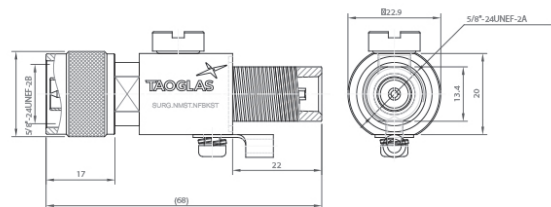
##### Three Options for Different Applications

Choose N-type for heavy-duty outdoor networks, or SMA for compact routers, GNSS modules, and IoT devices.

#### Use Cases:

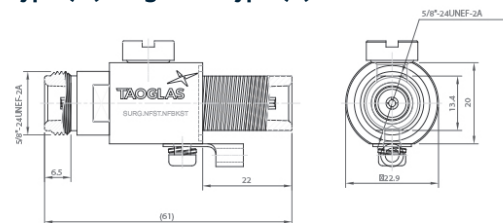
Public Safety Communications  
5G / 4G Cellular Gateways and Routers  
GNSS Timing and Positioning Base Stations  
Smart City & Industrial IoT Infrastructure  
Remote Telemetry & SCADA Enclosures  
Marine, Transportation, and Rugged Outdoor Installations

#### Drawings:



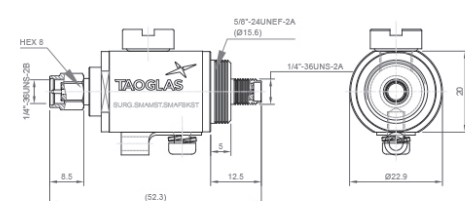
[SURG.NMST.NFBKST.CO](https://www.taoglas.com/SURG.NMST.NFBKST.CO)

**N-Type (M) Plug to N-Type (F) Bulkhead Jack**



[SURG.NFST.NFBKST.CO](https://www.taoglas.com/SURG.NFST.NFBKST.CO)

**N-Type (F) Jack to N-Type (F) Bulkhead Jack**



[SURG.SMAMST.SMAFBKST.CO](https://www.taoglas.com/SURG.SMAMST.SMAFBKST.CO)

**SMA(M) Plug to SMA(F) Bulkhead Jack**