



## Bespoke Design

### Antenna Design

**Holkirk's ability to design and manufacture antennas to specific requirements means that each solution is ideally suited to the customer's needs.**

Holkirk's bespoke antenna solutions offer a variety of mounting options to accommodate different installation environments and requirements. Here are the available mounting options:

**Pole Mount:** A common and versatile option, suitable for both permanent and temporary installations. It allows the antenna to be secured to an existing pole structure.

**Tripod Mount:** Ideal for portable and field operations, the tripod mount provides stability and ease of setup on various terrains.

**Non-Penetrating Roof Mount:** This option is designed for installations where it is not possible or desirable to drill into the mounting surface, such as on rooftops.

**Wall Mount:** For situations where space is limited or when a higher elevation is needed, wall mounts can be used to secure the antenna to a vertical surface.

**Ground Mount:** A stable solution for ground-level installations, often involving a concrete base to ensure a secure and level platform.

Each mounting option is designed to ensure a stable and secure installation of Holkirk antennas, providing optimal performance in a range of settings.

#### Standard Antenna Systems

HCF – 60cm,80cm,100cm	centre fed - segmented
HS6 – 1.2M	off-set - segmented
HS8 – 1.5M	off-set - segmented
HS24 – 2.5M	centre fed - segmented
H15 – 1.5M	off set - solid

#### Features:

##### **Solid and Segmented Reflectors:**

Ranging from 60cm to 2.5m in diameter, suitable for a variety of applications.

**Multi-Band Capability:** Designed for operation in C, X, Ku, and Ka-Band, providing flexibility for different communication needs.

**Tool-Free Assembly:** Engineered for simplicity, our antennas can be assembled quickly and easily without the need for specialized tools.

**Unique Joining System:** Our proprietary system ensures secure and precise assembly, enhancing the overall stability and performance of the antenna.

**Copper Coating:** A fine layer of copper coats the reflector surfaces, increasing their accuracy and efficiency.

**High-Performance Feed Sets:** A comprehensive range of feed sets is available, optimized for each antenna to ensure maximum performance.