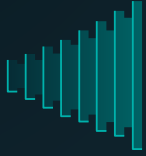


# Cable Run



**AMPLIFIED  
SIGNAL LOSS  
SOLUTIONS**



**ROBUST &  
RUGGED  
CONNECTORS**



**MULTI-FREQUENCY  
& CONSTELLATION**



## BESPOKE CABLE RUNS

We can provide a complete cable run solution. Using our StarLink® range, including inline amplifiers and splitters, we are able to tailor a cable run to your GNSS requirements providing you with the most efficient solution.

## CAPABLE & RELIABLE

Our cable solutions utilise products from the StarLink® range resulting in a more capable and reliable cable run which easily integrates with systems already in use. We are also able to provide full system runs with receivers and antenna when required.

## ROBUST & RUGGED

With a flexible and hardwearing cable sheath and robust and rugged connectors, our cable runs withstand difficult environments.

### CABLE TYPES INCLUDE:

- / LMR-400
- / RG-213
- / RG-58

### CONNECTOR TYPES INCLUDE:

- / TNC
- / SMA
- / N-Type

## TECHNICAL SPECIFICATIONS

### INLINE AMPLIFIERS SPECIFICATIONS:

- / Typical Noise figure for 1575 Inline Amplifiers: < 3 dB.
- / Typical Noise figure for L1L2 Inline Amplifiers: < 4 dB.
- / Input voltage for all models is from 3 to 28 VDC. Current draw is < 10 ma .
- / Operating temperature: -55°C (-67°F) to +70°C (158°F)
- / Storage temperature: -55°C (-67°F) to +85°C (185°F)
- / Relative humidity: 0 - 100% condensing.
- / IP Rating: IP67

### APPROXIMATE CABLE LOSS EXAMPLES:

- / Frequency L1, 100M

CABLE TYPE	
LMR-400	19.1dB
RG-213	33.5dB
RG-58	70.8dB

### BT-2DGPS GPS SPLITTER SPECIFICATIONS:

- / Weight: 116 g (4.1 oz)
- Dimensions:**
  - / TNC - 76 mm W x 84 mm H (3.00" W x 3.30" H)
  - / TYPE N - 76 mm W x 92 mm H (3.00" W x 3.63" H)
  - / Relative Humidity: 0-95% non-condensing
  - / Operating Temperature: 0° to +50° C
  - / GPS Signal Loss: 4 dB
  - / Isolation: >18 dB
- Power:**
  - / Receiver powers antenna though primary port (BT-2DGPS)
  - / Receiver powers antenna though either primary or secondary port (BT-2DGPS-2DC)

### DUC-1 SPECIFICATIONS:

- / GPS Frequency: L1 (1575.42 MHz)
- / Cable Distance to Antenna: 457.2m (1500 ft)
- / Cable Distance to Receiver: 30m (100 ft)
- / Coax Cable Type: 50 Ohm

## CONNECTOR TYPES



**SMA TYPE - MALE**



**TNC TYPE - MALE**



**N TYPE - MALE**

## EXAMPLE NETWORKED SYSTEM

