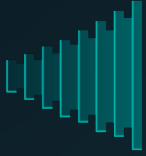# Cable Run

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℃ (-67℉) to +70℃ (158℉)

/ Storage temperature:
-55℃ (-67℉) to +85℃ (185℉)

/ 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)

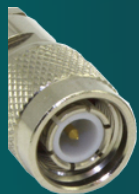## DUC-1 SPECIFICATIONS:

/ 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

Antenna
Inline Amp
Lightning Protector
Splitter
Receiver
Receiver