

Delta Loop Antenna (TDLS)

The TDLS is a versatile multi-mode transportable tactical antenna system.

Using multi-functional components, the TDLS consists of two tactical dipole antennas, covering 2-12 and 12-30MHz, the elements of these can be arranged as a directional wide band delta loop, giving up to 7dBi forward gain. The system is supplied complete with all the necessary low loss feed cable, balun transformers, and ground anchors.

It is usual for the antenna to be erected on a tree, or suitable natural object, and, to assist mounting, SMC has a full range of complimentary support masts for use with the system. All components are either drab olive or matt black and the complete system packs into a single kit bag.

Key benefits:

- Versatile
- Balun transformers
- Ground anchors
- complimentary support mast



Antennas	CFD1ATA15UP	CFD1ATA15DN
Antenna Elements	PVC coated Kevlar	PVC coated Kevlar
Bandwidth	Broadband	Broadband
Footprint	Delta Loop 55m, Dipole Dependent on configuration 72m at 2MHz / 5m at 30MHz	Delta Loop 55m, Dipole Dependent on configuration 72m at 2MHz / 5m at 30MHz
Frequency range (MHz)	3-30MHz (60MHz with degraded performance)	3-30MHz (60MHz with degraded performance)
Input connector	N Type	N Type
Polarisation	Horizontal	Horizontal
Power Rating	400W	400W
Gain	Up to 7dBi (Delta) at 12MHz	Up to 7dBi (Delta) at 12MHz
SWR	2.0:1	2.0:1
Cable	UR67 x 25m and UR67 x 15m	Horizontal
Mast Requirements	9.9m Mast included	9.9m Mast included