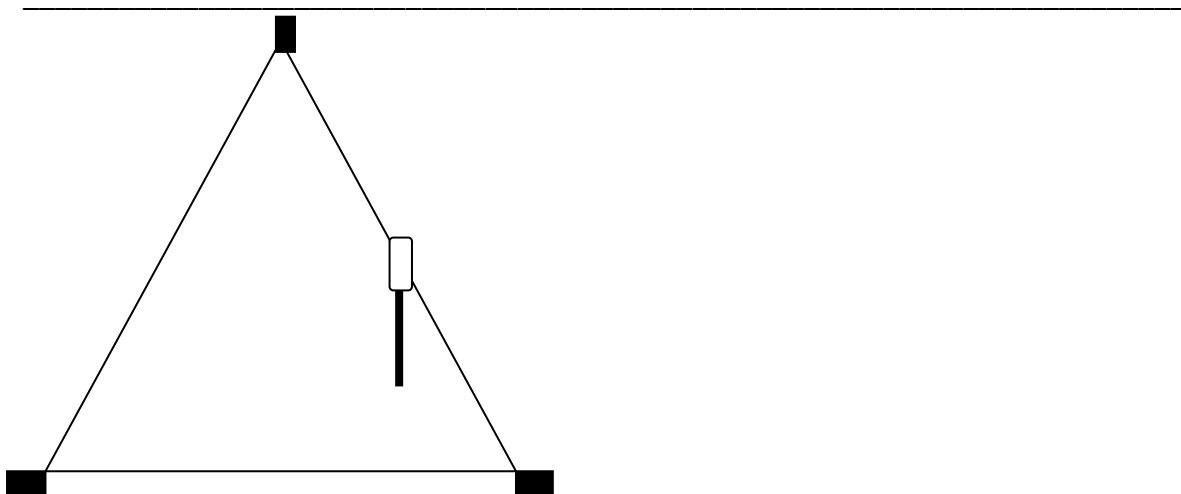


DELTA-80-HP-QRO 1kW

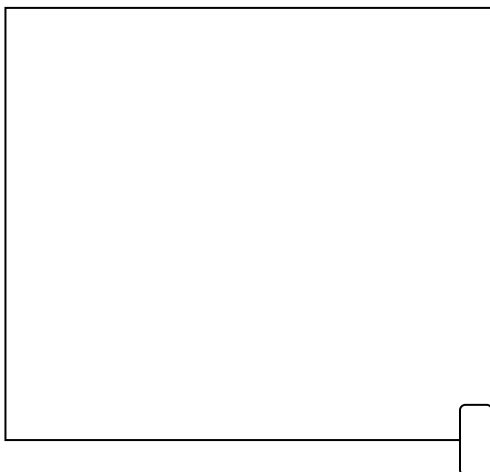
The DELTA-80HP is a Full wave loop designed to operate on 80m (3.5MHz), 40m (7MHz) and 20m (14MHz) without an ATU and other bands with an ATU. There is a 4:1 balun at the feedpoint enabling it to be fed directly with 50ohm coax, RG-213 or Mini 8 is probably the best but other variations of coax may be used so long as they are of a 50 Ohm impedance.

The loop comes complete with six insulators to provide anchor points. It may be mounted flat (horizontal) as either a square loop or equilateral triangle (see pictures below) or raised to vertical or sloping position. If mounted flat it will be good for near DX or NVIS work and if raised to vertical or sloping it will also be good for working further afield.



Full Wave Delta Loop

Delta loop, equilateral triangle. If laid flat will be good for near DX. If vertical or near vertical will provide low angle radiation good for long range DX in the direction of the loop (looking straight on at the front) and near DX off the sides. Gain 3.2dBd.



Full Wave Quad Loop

If laid horizontally will be good for LF NVIS if vertical 2.8dBd gain. Sloping at 45degrees will provide low Angle DX. Fed via a 4:1 balun gives good multi band operation on 80, 40 and 20m <2:1.