Subject: 2m 4el Quad you can build

From: G8MNY@GB7CIP.#32.GBR.EU
To: TECH@WW

FOUR ELEMENT QUAD - FULLERTON RADIO CLUB
It is supposedly equal to a Cushcraft 11 element beam.

LR 21" per side  
84.1" total  
Diagonal length 29.73"

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LT 20.51" per side  
82.04" total  
Diagonal length 29.01"

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LD - 1, 19.9" per side  
79.6" total  
Diagonal length 28.14"

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LD - 2, 19.7" per side  
78.8" total  
Diagonal length 27.82"

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The antenna boom is made out of schedule 40 pvc pipe, 1" size, which is 1.5" in diameter, actual size. The boom is approximately 42" long. The cross pieces are 1/4 inch bicycle flag poles made out of fibreglass, or you could use fibreglass fence posts.
TOP VIEW LOOKING DOWN

LR       LT       LD-1       LD-2

Vertical Polarisation Feed Point

| V |

|   |   | 1" PVC T |

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<-----16.1"----->  <-----12.4"----->  <-----12.4"----->

0.2 wavelength  0.15 wave length to build

YOU FEED A QUAD FROM THE HORIZONTAL SPREADER END.

How about some more homebrew projects with illustrations on packet radio. I would be interested in reports from anyone who builds this antenna. Good luck and I will look forward to your comments.
73 de Doug, KI6DS @K6RAU-1

Why don't U send an interesting bul?

73 De John, G8MNY @ GB7CIP
/EX