

Subject: 6m 8el Yagi

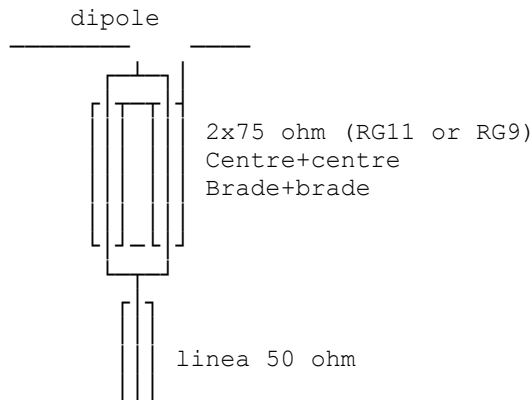
From: G8MNY@GB7CIP.#32.GBR.EU

To : TECH@WW

Modello 06M8-ZIZ 50.000 50.150 50.300 MHz  
 diameter of each element = 22mm. isolated from boom.

DISTANZA DA RIF.	lunghezza elemento
RIF 0.0	2982
RAD 632.0	2840
DIR1 1108.1	2716
DIR2 2333.6	2647,6
DIR3 4079.9	2584
DIR4 6229.4	2523,8
DIR5 8423.3	2561
DIR6 10160.0	2474,4

Front/Back >29 dB, Gain 11.11 dBd (13.25 dBi) ,Z = 28.1 ohm



NOTE: the lengths of the 0.750" o.d. sections have been reduced by the lengths of the 2.4053" o.d. sections which simulate 5" x 6" x 0.375" plates. These elements are heavy-duty (120 mph).

This design was optimised for F/R over band > 29 dB, and SWR <1.8:1, with a mid-band free space gain of 13.25 dBi (11.11 dBd).

MATCHING: 2x75 ohm parallel coaxial cable, LENGTH 1/4 LAMBDA (99 cm.RG9 or RG11) for R.O.S. 1:1

73 de IK0ZIZ, op. Giovanni

Why Don't U send an interesting bul?

73 De John, G8MNY @ GB7CIP

/EX