

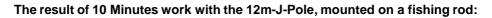
Both parts horizontally mounted

The "Zepp"-configuration

The antennas were tested on 2m, 6m, 12m and 30m. The lengths for the bands marked with "*" have not been tested, try with he given dimensions. For other frequencies use the following fomulas for insulated 2mm-wires for L1. Not-insulated wires need a longer L1-section.

Band	χ2- Wire (insulated)	χ4- Wireman V=0,905	XX	F _o MHz	SWR	Bandwidth SWR<1,5
40m*	20,02m	9,46m	73,0cm	7,05	-	100KHz
30m	13,96m	6,61m	58,5cm	10,12	1,1	150KHz
20m*	9,98m	4,73m	35,0cm	14,15	-	200KHz
17m*	7,80m	3,70m	26,5cm	18,1	-	250KHz
15m*	6,66m	3,15m	22,5cm	21,2	-	300KHz
12m	5,67m	2,67m	18,5cm	24,91	1,0	350KHz
10m*	4,96m	2,45m	15,5cm	28,5	-	500KHz
6m	2,815m	1,33m	6,5cm	50,15	1,1	1000KHz
2m	0,975m	0,47cm	3,5cm	145,2	1,0	1500KHz

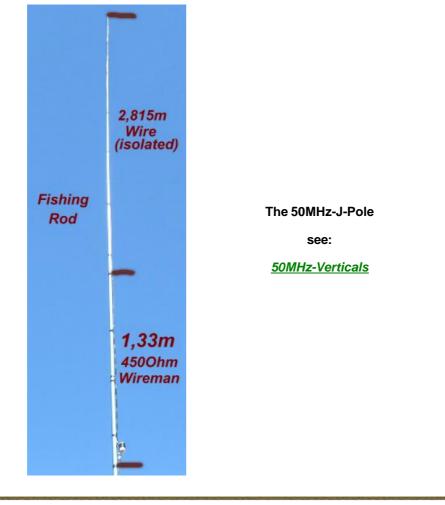
For the 50MHz-J-Pole look on the special page: 50MHz-Halfwave-Verticals



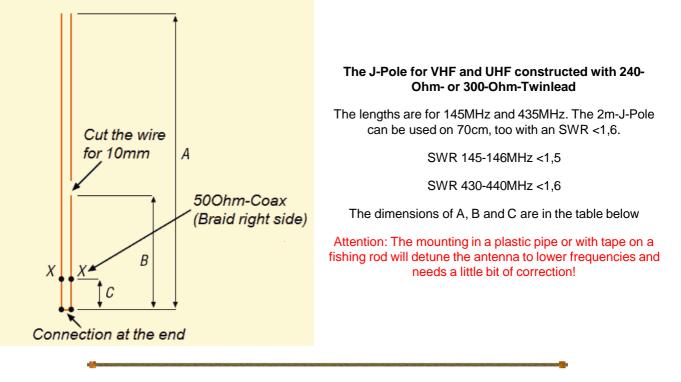


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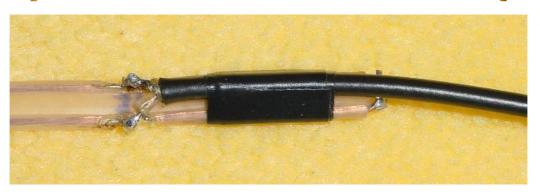


J-Pole with 300-Ohm-Twinlead for 145MHz



Lengths for the bands 2m and 70cm

Band	Α	В	С	
145 MHz	137cm	42cm	30mm	
435 MHz	45,7cm	14cm	20mm	



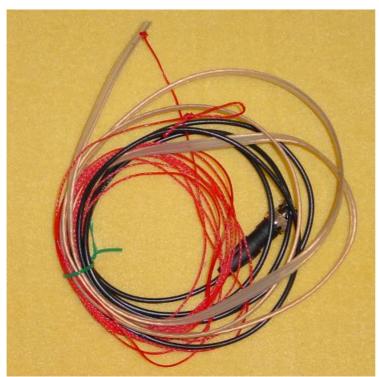
The connection of the RG-178 coax cable, here 240-Ohm-TV-wire



The same construction with 300-Ohm-wire



The cut piece of wire between the parts A and B at the right side of the J-Pole



The 2m-J-Pole ready for use

At the top is a hole for a rope. The antenna can be mounted in a tree or any other support.