

40m Add-On Dipole for Spiderbeam Yagis

Required material for both versions:

Nr.	quantity	description
1	1210cm	Wireman CQ-532 stranded Copperweld silky wire, PE-Insulation
2	986cm	Wireman CQ-534 stranded Copperweld silky wire, PE-Insulation
3	210cm	Enameled copper wire, 1,5mm diameter
4	2	Coil forms 35mm diameter, 50mm length
5	30cm	Heat shrink tube 3/1mm with hotmelt glue inside
6	20cm	Heat shrink tube 6/2mm with hotmelt glue inside
7	12cm	Heat shrink tube 40/13mm with hotmelt glue inside
8	8	Plastic - Insulators, black Polyethylene, UV resistant
9	2	M6 tubular cable lugs, tin plated copper
10	25m	PVDF monofilament fiber line, 1mm diameter
11	10	Cable ties, UV-resistant 100x2,5mm
12	1	20cm diameter spool

For Portable Spiderbeam:

13	2	fiberglass tube segments, length = 1.15m, diameter 35mm, 1mm wall thickness
14	2	V2A (stainless steel) hose clamps, diameter 30-45mm, width = 9mm
15	25cm	Flat rubber strip (EPDM UV resistant), width = 15mm, thickness = 3mm
16	20cm	Heat shrink tube 13/6mm

For HD Spiderbeam:

17	2	fiberglass tube segments, length = 1.15m, diameter 30mm, 2mm wall thickness
18	2	V2A (stainless steel) hose clamps, diameter 25-40mm, width = 9mm
19	22cm	Flat rubber strip (EPDM UV resistant), width = 15mm, thickness = 3mm
20	16cm	Heat shrink tube 13/6mm



Price in Kit Form:

99,00 EUR

Price for readily assembled Dipole:

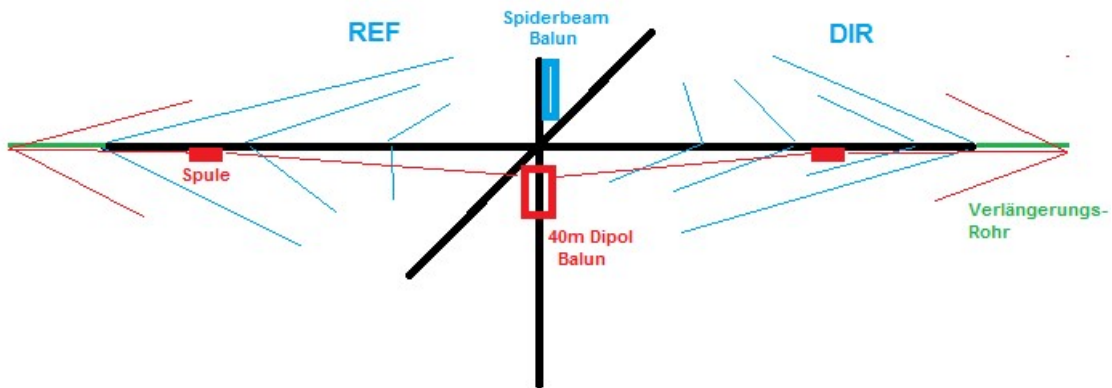
159,00 EUR

(plus Balun if necessary/required, see next page)

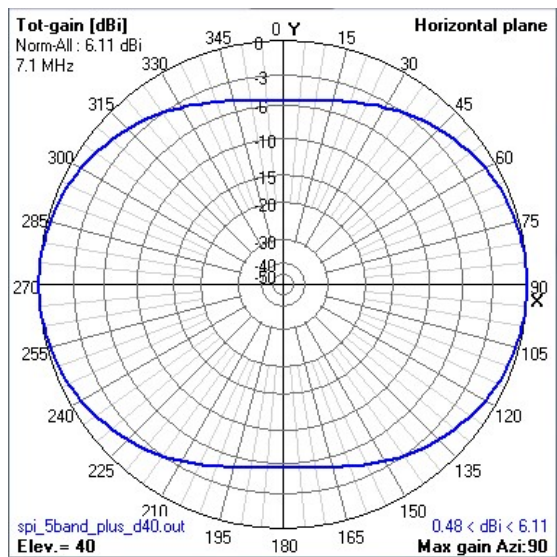
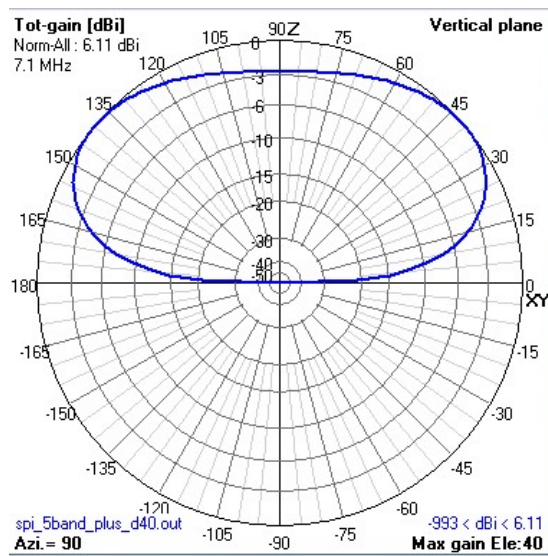
Mounting Scheme

The 40m dipole is rotated 90° to the Spiderbeam Wire elements. It can be connected either to the same Balun as the Spiderbeam Yagi (above) or to a separate Balun (below).

Max. Transmit Power: 1000W CW



Radiation Diagrams and SWR in 15m height above ground:



SWR (50 Ohms)

