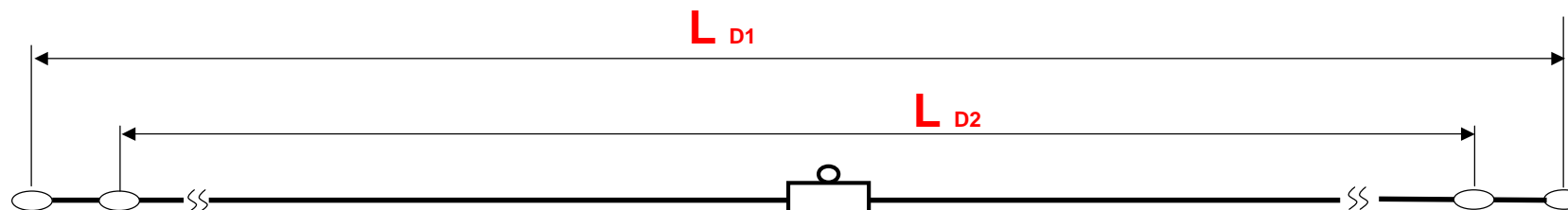


# Dipole Antenna

ART - 008 - A



dipole low cost balun or universal balun or Guanella balun

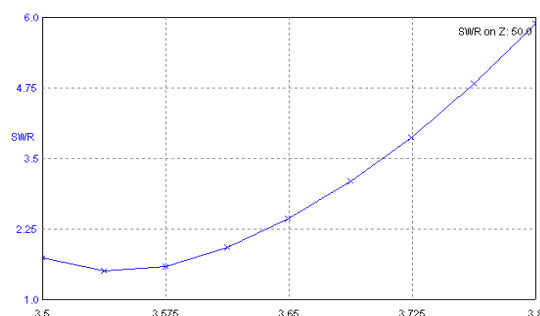
see ART-01-D-XX

see ART-01-Guanella-XX

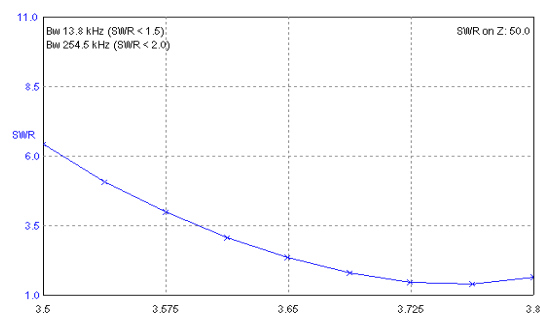
see ART-01-Uni-XX

SWR on 80m

$L_{D1}$  connected



$L_{D1}$  disconnect



ART - 008 - A	$L_{D1}$	$L_{D2}$
Specification A	m	m
80 m	38.76	42.20
40 m	20.60	not def.
30 m	14.50	not def.
20 m	10.40	not def.
17 m	8.08	not def.
15 m	6.95	not def.
12 m	5.86	not def.
10 m	5.20	not def.
user def.	user def.	user def.

note: LD1 and LD2 are nominal value

## Characteristics of air&wire wires:

wire diameter max. mm	Cu core diameter nominal mm	wires n x mm	R (20 degC) Ohm/km	weight kg/km	colour	note
2.7	1.5	32x0.21	18.5	14	black, gray,	standard
2.5	1.3	24x0.21	24.7	11	blue, green,	
3.0	1.8	30x0.26	12.7	19	red,white,	
2.3	1.0	20x0.20	33.0	9	natural	

**air&wire**<sup>TM</sup>

<http://airwire.sidlo.com>

last modified: 12.9.2011

[airwire@seznam.cz](mailto:airwire@seznam.cz)