

Ladder line for shortwave - catalogue list

ART- 015 - AAA - B - C

- extremely low loss ladder line, typ. 0.30 to 0.33 dB per 100 m and 30 MHz
- high power
- low weight
- insensitive to humidity and rain

E-mail: airwire@seznam.cz
<http://airwire.sidlo.com>

Characteristics:

Loss: 0.30 to 0.33
dB/100m and 30 MHz
Velocity factor: 0.97 - 0.99

Char. impedance (Ohm)
540 to 610 Ohm

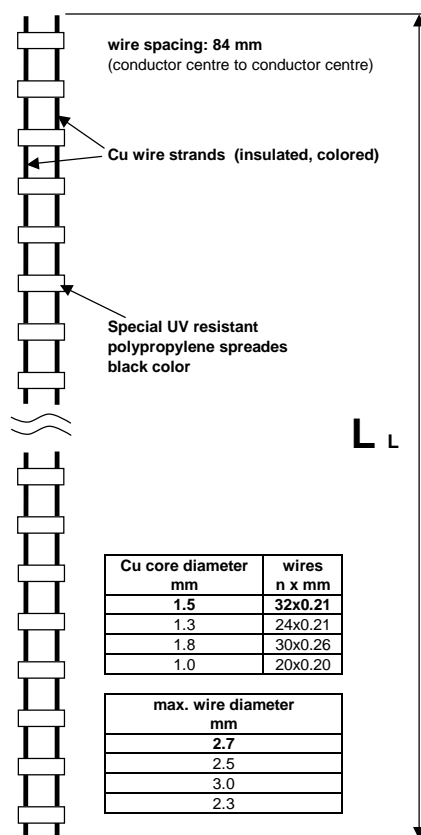
Note: The char. impedance is a factor of diameter of wires and distance between wires.

Cu core diameter mm	Z char Ohm
2 x 1.5	566
2 x 1.3	583
2 x 1.8	544
2 x 1.0	614

thickness of insulation
min. 0.6 mm

Cu core diameter mm	R (20 degC) Ohm/km
1.5	18.5
1.3	24.7
1.8	12.7
1.0	33.0

Cu core diameter mm	weight kg/km
2 x 1.5	35.2
2 x 1.3	29.2
2 x 1.8	45.2
2 x 1.0	27.2



Cu core diameter mm	wires n x mm
1.5	32x0.21
1.3	24x0.21
1.8	30x0.26
1.0	20x0.20

max. wire diameter mm
2.7
2.5
3.0
2.3

Specifications:

preferred is color black and Cu core diameter 1.5 mm

Specification AAA	L _L m
010	10
BBB	10.3
CCC	13.5
015	15
020	20
025	25
DDD	43
050	50
EEE	84
098	98
305	305
user def.	spec.

Specification B	color of insulation
B	black
G	gray
M	blue
Z	green
R	red
W	white
N	natural

Specification C	Cu core diam. mm
A	1.5
B	1.3
C	1.8
D	1.0

check out inspection:

length LL, colour, Cu core diameter, core continuity and resistance in Ohm, visage, transport box or drum

air&wireTM

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last change: 31.8.2011
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