



DX Engineering 300 Ω Ladder Line

DX Engineering 300 ohm Ladder Line is rated for over full legal power and is super strong, featuring two 18-gauge conductors consisting of 19 strands of copper-clad steel wire. Also known as window line, this is the same high-quality ladder line used in DX Engineering multi-band dipole antennas. DX Engineering 300 ohm Ladder Line has 272 ohm nominal impedance and an 88 percent velocity factor.

DXE-LL300-1C - 100 Foot length
DXE-LL300-2C - 200 Foot length
DXE-LL300-3C - 300 Foot length
DXE-LL300-4C - 400 Foot length
DXE-LL300-5C - 500 Foot length

Following are typical loss measurements made on a randomly selected 100 foot length of DX Engineering LL300 300 ohm ladder line.

MHz	Dry loss dB	Damp loss dB
1	-0.240	
2	-0.320	
4	-0.415	
6	-0.437	
8	-0.459	-1.410
10	-0.485	
14	-0.515	
18	-0.646	
22	-0.568	-1.530
26	-0.625	
30	-0.668	
35	-0.773	
40	-0.640	
50	-0.690	-2.150



The "damp loss" measurements are only a point of interest made by merely spraying the line with a mist which dried rapidly after application. These typical figures illustrate the effect of water on ladder line. These losses return to normal dry figures as the moisture evaporates.

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