



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 dry attenuation measurements (db/100 ft.) made on a randomly selected 100 foot length of DX Engineering LL300 300 ohm ladder line.

MHz	Dry Attenuation dB	Damp Attenuation 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	0.546	
22	0.568	1.530
26	0.625	
30	0.668	
35	0.773	
40	0.840	
50	0.890	2.150



The "damp attenuation" 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. This attenuation returns to normal dry figures as the moisture evaporates.

Our ladder line consists of a linear low density polyethylene insulation over two copper conductors. Neither the compound or the copper are listed on the Chemicals List of Proposition 65 of the State of California.

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