



ULTIMATE PRO
SERIES

DLS Svenska AB - Sweden

DLS UP5

PRODUCT SPECIFICATIONS

2-WAY CAR SYSTEM MODEL UP5
5,25" BASS MIDRANGE
25 MM SOFT DOME TWEETER
FERRITE/NEODYMIUM HYBRID
MAGNET SYSTEM



5,25", 13 cm mid bass element:

Specifications valid from 02-00.

| | | | |
|--------------------------|---------------------|------------------------------|----------------------|
| Dimensions: | | DC resistance | 3,61 ohm |
| Outer diameter | 130/150 mm | Voice coil inductance, 1 kHz | 0,23 mH |
| Magnet diameter | 63 mm | Magnet system | Vented hybrid |
| Mounting depth | 58 mm | BL product, BXL | 4,45 |
| Mounting hole | 120 mm | Max. linear excursion, X max | + - 3,5 mm |
| Nominal power handling | 120 W | Suspension compliance, CMS | 590 |
| Maximum power | 180 W | Mechanical Q factor, QMS | 2,04 |
| Nominal impedance, Z | 4 ohms | Electrical Q factor, QES | 0,73 |
| Sensitivity, 1 W / 1m | 86 dB | Total Q factor, QTS | 0,54 |
| Frequency response | 60-4000 Hz | Mechanical resistance, RMS | 0,72 |
| Fs, resonant frequency | 67,3 Hz | Moving mass, MMS | 9,46 gr. |
| Voice coil diameter | 54 mm (2") | Equivalent Cas Air load, VAS | 6,20 liters |
| Voice coil height | 13 mm | Cone / Dome material | Polyinjection cone |
| Voice coil type / former | Aluminium | SD - Effective piston area | 86,5 cm ² |
| Voice coil wire | Aluminium flat wire | Net weight | 0,60 kg |
| Number of layers | 2 | | |

25 mm tweeter element UP1:

| | | | |
|------------------------|------------|--------------------------|---------------------|
| Dimensions: | | Voice coil diameter | 25 mm (1") |
| Overall dimensions | 43 mm | Voice coil height | 2,2 mm |
| Mounting depth | 26 mm | Voice coil type / former | Aluminium |
| Mounting hole | 45 mm | Voice coil wire | Aluminium flat wire |
| Nominal power handling | 50 W | Magnet system | Neodymium |
| Maximum power | 80 W | Dome material | Hand treated fabric |
| Nominal impedance, Z | 4 ohms | | |
| Sensitivity, 1 W / 1m | 91 dB | | |
| Frequency response | 1 - 23 kHz | | |
| Fs, resonant frequency | 950 Hz | | |

Filter box drawing:

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