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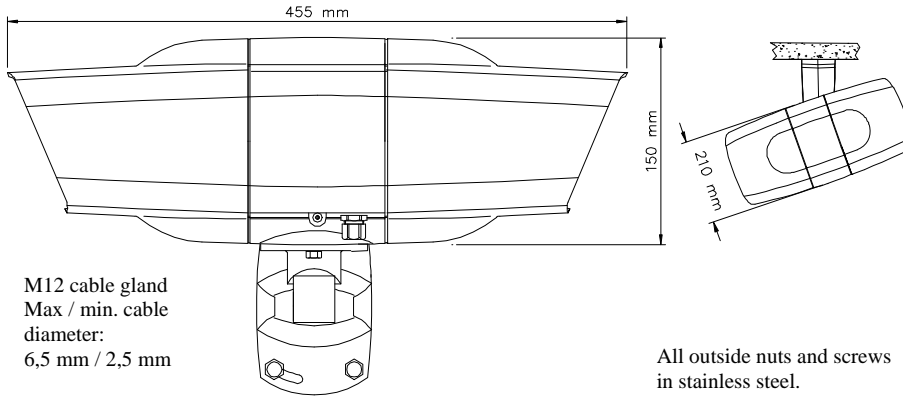
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DPD-10-54(T)

ISO 9001 CERTIFIED

Tested acc. To EN54-24
Type: B
Manufactured by DNH A/S
Kragere, Norway
11 1438/CPD/0225



M12 cable gland
Max / min. cable diameter:
6,5 mm / 2,5 mm

All outside nuts and screws
in stainless steel.

Loudspeaker for voice alarm systems for fire detection and fire alarm systems for buildings

70/100 Volt combined transformer Primary connections	
White : Green	70 V
White : Red	100 V
Secondary nominal tapings	
1 : 4	6,0W Imp 1660Ω
1 : 3	3,0W Imp 3300Ω
2 : 4	2,0W Imp 5000Ω
1 : 2	1,5W Imp 6600Ω
3 : 4	0,9W Imp 11100Ω
2 : 3	0,5 W Imp 20000Ω

Sound pressure levels at 1W/1m P-5/15 PS counter phase

SPL vs Freq



Specifications acc. testing CNBOP / DNH

Material / Color	Ronfalin 5VA /RAL 7035
Mounting	P.A-6 Swivel Bracket
Termination	Screw terminal
Weight w/transformer	3,3 kg
IP-rating	33C / 55
Max. / min. amb. temp	70°C to -25°C / 90°C to -40°C
Rated / max. power	6 W
Sensitivity 1W/4m	75 dB
SPL 6W/4m	83 dB
Freq. range	100 Hz – 16000Hz
Measurement environment	Free-field

Sensitivity 100Hz-10KHz 1/3 Oct. Pink noise 1W/4 Meters

100Hz : 48dB	125Hz : 53dB	160Hz: 58dB
200Hz : 60dB	250Hz: 60dB	315Hz: 60dB
400Hz: 61dB	500Hz: 61dB	630Hz: 64dB
800Hz: 68dB	1KHz: 64dB	1250Hz: 61dB
1600Hz: 64dB	2KHz: 63dB	2500Hz: 65dB
3150Hz: 67dB	4KHz: 69dB	5KHz: 65dB
6300Hz: 64 dB	8KHz: 64dB	10KHz: 59dB

Horizontal / vertical coverage angles (±6dB)

		HCA	VCA
1 Oct. Pink noise	500Hz	150°+150°	155°+155°
1 Oct. Pink noise	1KHz	150°+150°	160°+160°
1 Oct. Pink noise	2KHz	70°+70°	105°+105°
1 Oct. Pink noise	4KHz	45°+45°	60°+60°

DPD-10-54(T) has been tested in 100 hours max power (6W). The model does not deviate more than ± 3 dB from the original test value. The freq. response curve and impedance complies with the original one. All SPL tests are performed in an anechoic chamber (<70m³).

Installation, Operation and Maintenance Procedures

- Plastic enclosure acc. to min, class 5VB
- Unscrew lid by two screws, lead cable trough cable gland and connect to terminal. Choose tap value on transformer. Fasten lid with app. 1 Nm.
- Screw Swivel bracket onto wanted position with steel plate
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- Do not open loudspeaker when energized.
- This loudspeaker is supplied with a two years warranty against defective materials and workmanship.

CE
1438

DNH reserves the right to alter specifications without notice