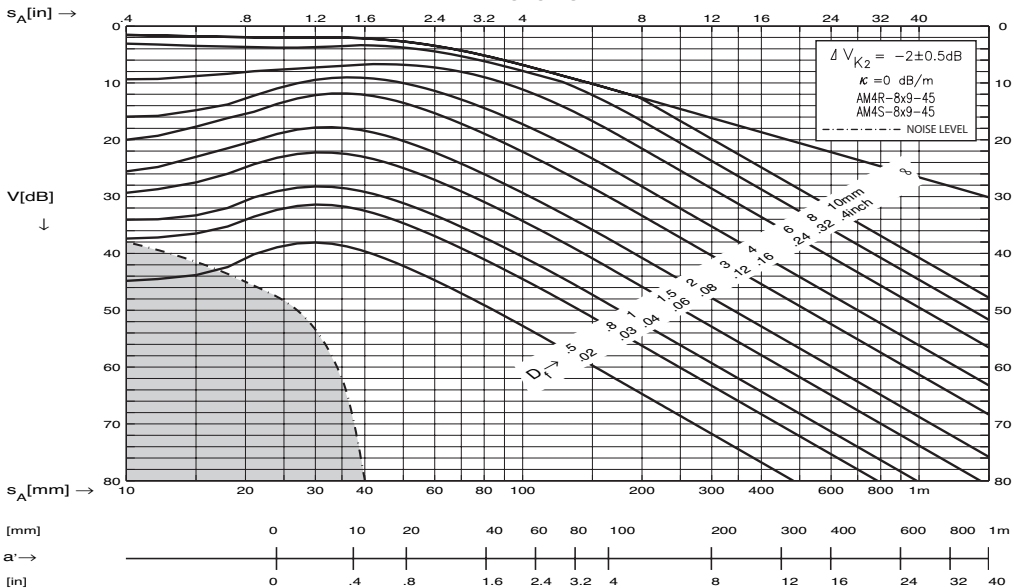


AM4R-8X9-45

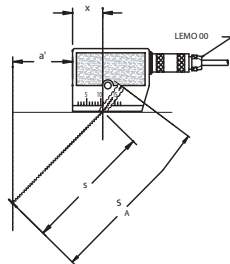


PARAMETER parameter/paramètre	NOMINAL nennwert/nominal	UPPER (+) ober bereich/supérieure	LOWER (-) unterer bereich/inférieure	UNIT meßeinheit/unité
f_c^1, f_0^2	4.0	4.4	3.6	MHz
$BW^1, \Delta f_{rel}^2$	40	55	25	%
Z	75	100	50	Ω
Φ	60	80	40	°
N	30	34.5	26.5	mm
W_{a6}	1.6	1.8	1.4	mm
W_{b6}^+ / W_{b6}^-	1.7 / 1.7	1.9 / 1.9	1.5 / 1.5	mm
a	9.0	9.0	8.9	mm
a_{eff}	8.6	8.8	8.4	mm
b	8.0	8.0	7.9	mm
b_{eff}	7.6	7.8	7.4	mm
$\alpha_{(3255m/s)}$	45	47	43	°
$\Delta\alpha/\Delta T$	0.5	0.6	0.4	°/10°C
$lv_{(2743m/s)}$	7.0	8.0	6.0	mm
δ	0	+1	-1	°
e	0	+1	-1	mm
x	12	14	10	mm
γ_{a6}	2.3	2.8	1.8	°
γ_{b6}	5.9	6.9	4.9	°
$\gamma_{b6}^+ / \gamma_{b6}^-$	3.0 / 2.9	3.5 / 3.4	2.5 / 2.4	°
M	2	n/a	n/a	mm
T_r	-20/+60	n/a	n/a	°C
Waveform duration ¹ , Echo width ² , Echobreite ² , Largeur de l'écho ² -20dB	1.0	1.5	n/a	us

1: ASTM E1065; 2: prEN 12668-2; 3: EN 1330-4:2000; 4: EN 583-2:2001

AM4R-8X9-45

AM4R HAS RIGHT LEMO CONNECTOR
AM4S HAS STRAIGHT LEMO CONNECTOR



$$S_V = 6.0 \pm 1 \text{ mm}$$

$$S = S_A - S_V$$

S_V is the sound field equivalent of delay path length (lv)

S_V entspricht im Schallfeld der Länge der Vorlaufstrecke lv

S_V est l'équivalent du champ acoustique de la longueur de la ligne de retard