

Morse Code Chart

International Morse code - letters, numbers and punctuation

LETTERS A-M	LETTERS N-Z	NUMBERS 0-9	PUNCTUATION
A . -	N - .	0 - - - - -	
B - . . .	O - - -	1 . - - - -	, - - - - -
C - . . .	P . - . .	2 . . - - -	: - - - . . .
D - . .	Q - - . -	3 . . . - -	? . . - - . .
E .	R . - .	4 -	' . - - - .
F	S . . .	5	- - - - -
G - - .	T -	6 -	/ -
H	U . . -	7 - - . . .	(-
I . .	V . . . -	8 - - - . .	) - . - - . -
J . - - -	W . - -	9 - - - . .	"
K - . -	X - . . -		= - . . . -
L . - . .	Y - . . -		+
M - -	Z - - . .		@

TIMING dot 1 unit / dash 3 units

within a letter: 1 unit / between letters: 3 / between words: 7