Morse Code Chart

morsehelper.com

International Morse code, ITU-R M.1677-1

Letters

A	·−	J	·−−−	S	···
B	−···	K	−·−	T	−
C	−·−·	L	·−··	U	··−
D	−··	M	−−	V	···−
E	·	N	−·	W	·−−
F	··−·	O	−−−	X	−··−
G	−−·	P	·−−·	Y	−·−−
H	····	Q	−−·−	Z	−−··
I	··	R	·−·		

Numbers

0	-----	5	·····
1	·----	6	−····
2	··---	7	−−···
3	···−−	8	−−−··
4	····−	9	−−−−·

Punctuation

.	·−·−·−	-	−····−
,	−−··−−	=	−···−
?	··−−··	:	−−−···
!	−·−·−−	"	·−··−·
/	−··−·	@	·−−·−·

Timing: dot = 1, dash = 3, gap inside a character = 1, gap between characters = 3, gap between words = 7.

A dash is exactly three times the length of a dot. Getting that ratio right matters more than absolute speed.