

## SEGMENT PATTERN

### PURPOSE

Specifies the line pattern for the line segments to appear on subsequent plots.

### DESCRIPTION

Segments are straight lines that the analyst can position anywhere on the plot. They are most typically used in legend boxes to identify curves. The segments appear on all subsequent plots until blanked out or overridden with new segment coordinates. The segment colors hold for all subsequent plots until defaulted or overridden with new colors. Up to 100 such line segments can be specified.

### SYNTAX

SEGMENT <id> PATTERN <pattern>

where <id> is an integer number or parameter in the range 1 to 100 that specifies the segment identifier;  
and <pattern> is a character string that specifies the desired line pattern.

### EXAMPLES

```
SEGMENT 2 PATTERN SOLID
SEGMENT 2 PATTERN DASH
```

### NOTE

A SEGMENT ... PATTERN command with no arguments reverts the line segment pattern to default; thus SEGMENT 1 PATTERN with no arguments reverts the pattern for line segment 1 to default. A SEGMENT ... PATTERN command with no <id> refers to all 100 line segments; thus SEGMENT PATTERN SOLID assigns the pattern solid to all 100 line segments. SEGMENT PATTERN with no <id> and no arguments reverts the pattern to default for all 100 line segments.

### DEFAULT

All segments are drawn with solid lines.

### SYNONYMS

None

### RELATED COMMANDS

SEGMENT COLOR	=	Specify the color for a segment.
SEGMENT COORDINATES	=	Specify a segment location.
SEGMENT THICKNESS	=	Specify the line thickness for a segment.
LEGEND	=	Specify a legend for a subsequent plot.
ARROW COORDINATES	=	Specify the location of an arrow.
BOX COORDINATES	=	Specify the location of a box.
PLOT	=	Generate a data or function plot.

### APPLICATIONS

Presentation Graphics

### IMPLEMENTATION DATE

Pre-1987

PROGRAM

```
LET LEAD = DATA ...
    164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA ...
    106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
LET N = SIZE LEAD
LET X = SEQUENCE 1 1 N
.
LINE DASH DOT
SEGMENT 1 COORDINATES 17 87 22 87
SEGMENT 2 COORDINATES 17 83 22 83
SEGMENT 1 PATTERN DASH
SEGMENT 2 PATTERN DOT
LEGEND 1 COORDINATES 23 86; LEGEND 1 POTASSIUM
LEGEND 2 COORDINATES 23 82; LEGEND 2 LEAD
TITLE DEMONSTRATE SEGMENT PATTERN
TITLE SIZE 5
PLOT POT LEAD VS X
```

