

SEGMENT COLOR

PURPOSE

Specifies the color for the line segments to appear on subsequent plots. See the Color chapter for a list of available colors.

DESCRIPTION

Segments are straight lines that the analyst can position anywhere on the plot. 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.

Segments are most typically used in legend boxes to identify curves.

SYNTAX

SEGMENT <id> COLOR <color>

where <id> is an integer number or parameter in the range 1 to 100 that specifies the segment identifier;

and <color> is a character string or an integer number or parameter that specifies the desired color.

EXAMPLES

SEGMENT 2 COLOR GREEN

SEGMENT 2 COLOR BLUE

NOTE

A SEGMENT ... COLOR command with no arguments reverts the line segment color to default; thus SEGMENT 1 COLOR with no arguments reverts the color for line segment 1 to default. A SEGMENT ... COLOR command with no <id> refers to all 100 line segments; thus SEGMENT COLOR GREEN assigns the color green to all 100 line segments. SEGMENT COLOR with no <id> and no arguments reverts the color to default for all 100 line segments.

DEFAULT

All line segments are drawn in black.

SYNONYMS

None

RELATED COMMANDS

SEGMENT COORDINATES	=	Specify a segment location.
SEGMENT PATTERN	=	Specify the line type for a segment.
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 COLOR G20 G80  
LINE THICKNESS 0.3 ALL  
SEGMENT 1 COORDINATES 17 87 22 87  
SEGMENT 2 COORDINATES 17 83 22 83  
SEGMENT 1 COLOR G20  
SEGMENT 2 COLOR G80  
SEGMENT THICKNESS 0.3  
LEGEND 1 COORDINATES 23 8  
LEGEND 1 POTASSIUM  
LEGEND 2 COORDINATES 23 82  
LEGEND 2 LEAD  
TITLE DEMONSTRATE SEGMENT COLOR  
TITLE SIZE 5  
PLOT POT LEAD VS X
```

