

## Specifications

Tables 1–19 to 1–21 list the J1820 specifications.

**Table 1–19: J1820 performance characteristics**

Characteristic	Standard
Accuracy (including non-linearity)	Within $\pm 0.018$ of x,y value and $\pm 5\%$ of luminance (Illuminant A at $150 \text{ cd/m}^2$ , $20^\circ \text{ C}$ to $30^\circ \text{ C}$ , $<75\%$ relative humidity)
Spectral Response	CIE Tristimulus
Spectral Accuracy	$f_1' = 3\%$ (DIN class A)
Acceptance Angle	$16^\circ$

**Table 1–20: J1820 typical physical characteristics**

Characteristic	Standard
Dimensions (not including suction cup)	Height: 1.3 inches (3.3 cm)
	Width: 1.4 inches (3.6 cm)
	Length: 1.7 inches (4.3 cm)
Cable Length	3.5 feet (1.1 m)

**Table 1-21: J1820 environmental characteristics**

<b>Characteristic</b>	<b>Standard</b>
Temperature	Meets MIL Std 28800E Class 3 Nonoperating: -62° C to +85° C Operating: -15° C to +55° C
Humidity	48 hours at 97% relative humidity (30° C to 60° C) Modified MIL Std 28800E
EMC Compliance	Meets the intent of Directive 89/336/EEC for Electromagnetic Compatibility when it is used with the product(s) stated in the specifications table. Refer to the EMC specification published for the stated products. May not meet the intent of the Directive if used with other products.
FCC Compliance	Emissions comply with FCC Code of Federal Regulations 47, Part 15, Subpart B, Class A Limits.