



5-wire Resistive Touch Screen

Spectrah 5-wire resistive touch products offer customer a wide range of glass size, ease of integration, responsiveness, and high reliability and durability. They are the ideal solution for POS, voting machine, industrial automation, medical equipment, retail, and pharmacy automation. Spectrah also provides complete signal controllers, cable kits, and excellent technical support to help customers easily integrate touch panel in the display systems.

General Specifications:

Size	From 5.7" up to 19"
Input Mode	Stylus or Finger
Cable	FFC

Environmental Characteristic:

Item	Operation	Storage
Temperature	-10°C ~ +70°C	-40°C ~ +80°C
Humidity (Non Condensing)	20%RH ~ 80%RH	10%RH ~ 85%RH

Optical Characteristic:

Transparence	$\geq 80\% \pm 3\%$
Haze	$8\% \pm 3\%$

Electrical Characteristic:

Loop Resistance	X:20-500Ω, Y:20-500Ω
Linearity	$X \leq 1.0\%$, $Y \leq 1.0\%$
Chattering	$\leq 15\text{ms}$
Insulation	$\geq 20\text{M}\Omega / 25\text{V(DC)}$
Endurance	No acting damage at DC 50V/ 60sec

Durability:

Item	Type	Specification
Panel	Knock Test	35,000,000 times

Spectrah Dynamics, Inc.

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