

NEW PRODUCT

Electrical Swivel



Antron Engineering has developed an electromechanical device that allows the transmission of power and electrical signals from a stationary to a rotating structure.

This product can be used in any electromechanical system that requires unrestrained, intermittent or continuous rotation while transmitting power and/or data. It can improve mechanical performance, simplify system operations and eliminate damage-prone wires dangling from movable joints.

Antron Engineering Electrical Swivels applications include pan & tilt cameras, radar platforms, tracked vehicles, rate gyros, down hole equipment, packaging machinery, and in a host of other applications too numerous to list.

Specifications:

<u>Parameter</u>	<u>Unit</u>
Operating	Speed: 250 rpm max.
Number of Circuits:	6, 12, 18, or 24
Lead Lengths:	48 inches, Can be cut to any required length.
Voltage:	210 VDC
Max. Ambient Temp:	80 deg C.
Contact Material:	Gold
Current Rating:	2 Amps
Lead size/type:	28 (19/40) silver plated copper, Type ET Teflon.
Dielectric Strength:	500 VAC @ 60 Hz, between each circuit and all other circuits.
Insulation Resistance:	1000 MOhms @ 500 VDC.
Circuit Resistance:	200 milliOhms w/12" leads.
Noise:	100 milliOhms tested @ 6 VDC, 50 milliamps when running @ 5 rpm.

PRODUCT #	DESCRIPTION
PRO-ES6	6 CHANNEL SWIVEL
PRO-ES12	12 CHANNEL SWIVEL
PRO-ES18	18 CHANNEL SWIVEL
PRO-ES24	24 CHANNEL SWIVEL



170 Mechanic Street, Bellingham MA 02019
1-877-225-2362 FAX: 508-966-4248
www.antroneng.com