



### #3050S Shielded PVC Control Cables 105°C 600V UL 2586

Daburn 3050S series control cables offers designers and engineers a thinner 600-volt control cable to meet application goals as well as provide space savings for many industrial applications including Industrial controls and instrumentation, HVAC controls, appliance controls, and mixed voltage/signal environments.

The following are cable design benefits:

- Greater Flexibility
- Lighter weight constructions
- Easier to install
- Combine signal and power in single enclosure
- Fit smaller connectors
- Improved conduit & duct fill
- Smaller harnesses and bundles
- Smaller bend diameters
- Simpler junction box and panel layout

**Description:** This series is designed for 600 Volts, 105C maximum ambient temperature. Conductors are stranded tinned copper insulated with PVC. The shield is a foil shield with a gray jacket that also contains a rip cord.

**Operating Temperature:** -20°C to +105°C

**UL Voltage Rating:** 600 volts

UL AWM 2586 VW-1, CSA FT-4

This series is RoHS Compliant

Daburn Cat. No.	No. of Cond.	AWG	Strand.	Nom. Wall		Nom. Jacket		Nom. O.D.	
				IN	MM	IN	MM	IN	MM
<b>3050S/22-2</b>	2	22	7/30	.016	.406	.032	.812	.194	4.93
<b>3050S/20-9</b>	9	20	7/28	.016	.406	.032	.812	.326	8.28
<b>3050S/18-2</b>	2	18	16/30	.016	.406	.032	.812	.224	5.69
<b>3050S/18-3</b>	3	18	16/30	.016	.406	.032	.812	.236	5.99
<b>3050S/18-4</b>	4	18	16/30	.016	.406	.032	.812	.256	6.50
<b>3050S/18-5</b>	5	18	16/30	.016	.406	.032	.812	.278	7.06
<b>3050S/18-7</b>	7	18	16/30	.016	.406	.032	.812	.321	8.15
<b>3050S/18-12</b>	12	18	16/30	.016	.406	.032	.812	.405	10.29
<b>3050S/16-3</b>	3	16	19/.0117	.016	.406	.032	.812	.259	6.58
<b>3050S/16-4</b>	4	16	19/.0117	.016	.406	.032	.812	.283	7.19
<b>3050S/16-9</b>	9	16	19/.0117	.016	.406	.032	.812	.391	9.93
<b>3050S/14-4</b>	4	14	41/30	.016	.406	.032	.812	.317	8.05

Conductor colors: 1-Black, 2-Brown, 3-Red, 4-Orange, 5-Yellow, 6-Green, 7-Blue, 8-Violet, 9-Gray, 10-White, 11-White/Black, 12-White/Brown