

# HOOK-UP & LEAD WIRE

## 600V EPDM Motor Lead

### DESCRIPTION

Ethylene-Propylene Diene Elastomer insulated  
600 Volts, 125°C Flex / 150°C N0-Flex UL  
600 Volts, 125°C CSA  
UL Recognized type AWM, Style 3374/3340

### Sizes

#18 AWG - #4/0 AWG.

### CONSTRUCTION

#### Conductor

Flexible, rope lay, stranded soft annealed, tinned copper per ASTM B33.

#### Separator

A polyester film separator is used between the conductor and insulation for ease in stripping.

#### Insulation

Ethylene-Propylene Diene Elastomer

PART NUMBER	AWG	STRANDING	INSULATION THICKNESS (IN)	NOMINAL O.D. (IN)	AMPACITIES		APPROX. NET WT. PER 1000'(LBS.)
					IN FREE AIR (1)	IN CONDUIT (2)	
05-0235	18	16/30	.045	.142	24	17	13
05-0237	16	26/30	.045	.155	31	22	17
05-0239	14	41/30	.045	.170	46	34	24
05-0241	12	65/30	.045	.190	60	43	33
05-0243	10	65/28	.060	.240	80	55	54
05-0245	8	84/27	.080	.327	106	76	92
05-0247	6	84/25	.080	.383	155	96	134
05-0249	4	105/24	.080	.432	190	120	191
05-0251	3	133/24	.080	.453	214	143	235
05-0253	2	163/24	.080	.494	255	160	279
05-0255	1	210/24	.095	.583	293	186	350
05-0257	1/0	262/24	.095	.633	339	215	430
05-0259	2/0	504/26	.095	.698	390	251	532
05-0261	3/0	630/26	.095	.758	451	288	643
05-0263	4/0	805/26	.095	.869	529	332	811

(1) Based on 150°C conductor temperature, 30°C ambient temperature, single conductor in free air (one cable diameter minimum spacing between conductors).

NOTE: Bundling of conductors will substantially reduce ampacity.

(2) Based on 150°C conductor temperature, 30°C ambient temperature, triplexed or 3 single conductors in conduit in free air.

> Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.