

7500V EPDM Motor Lead

DESCRIPTION

7500 Volts, 150°C, UL AWM 3499

Sizes

#8 AWG - #4/0 AWG.

CONSTRUCTION

Conductor

Flexible rope-lay stranded, annealed tin-coated copper conforming to ASTM B-33 / B-173 and Underwriters' Laboratories requirements.

An opaque mylar tape shall be applied over the conductor to facilitate stripping.

Insulation

Heat and corona resistant Ethylene-Propylene Diene Elastomer conforming to UL Subject 758 requirements for Style 3499.

Printing

"Size (AWG) RU AWM Style 3499 7500 V. 150°C"

Testing

Physical and electrical tests in accordance with UL AWM and CSA requirements.

PART NUMBER	AWG	STRANDING	NO. OF WIRES	INSUL. WALL (MILS)	APPROX. DIAM. (INCHES)	AMPACITIES		APPROX. NET WT. PER 1000'(LBS.)
						IN FREE AIR (1)	IN CONDUIT (2)	
05-0217	8	7X19/.0113	133	125	0.435	106	76	122
05-0219	6	7X12/.0179	84	125	0.475	155	96	164
05-0221	4	7X19/.0179	133	125	0.535	190	120	227
05-0223	2	7X19/.0223	133	125	0.600	255	160	224
05-0225	1	37X7/.0180	259	125	0.645	293	186	384
05-0226	1/0	19/.0745	19	125	0.625	339	215	467
05-0227	1/0	37X7/.0202	259	125	0.690	339	215	467
05-0229	2/0	19X18/.0201	342	125	0.770	390	251	565
05-0231	3/0	14X32/.0201	448	125	0.830	451	288	653
05-0233	4/0	19X29/.0201	551	125	0.850	529	332	849

(1) Based on 150°C conductor temperature, 40°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, 40°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.

