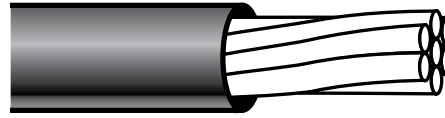# SILICONE RUBBER LEADWIRE

Extruded Silicone
Rubber Insulation

Tinned
Copper Stranded

Recommended for internal use in television receivers or other uses where the acceptability has been determined by UL.

UL Style 3239
High Voltage

Stranded tin coated copper conductor insulated with extruded flame-retardant (VW-1) 150°C Silicone Rubber. Available in DC voltage ratings of 10, 20, 30, and 40KV. Non-UL grades with similar performance characteristics are available for general high voltage use.

CONDUCTOR						NOMINAL FINISHED DIAMETER							
GAUGE (AWG)	PART NO.	NUMBER OF STRANDS (AWG)	GAUGE OF STRANDS (AWG)	NOM. DIAM. OF STRANDED CONDUCTOR		10 KVDC .036 WALL		20 KVDC .045 WALL		30 KVDC .055 WALL		40 KVDC .090 WALL	
				IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm
24	NHVSRXX0732	7	30	.024	.610	.099	2.52	.117	2.97	.137	3.48	.208	5.28
22	NHVSRXX0730	7	30	.030	.762	.109	2.77	.123	3.12	.143	3.63	.215	5.46
22	NHVSRXX1934	19	34	.030	.762	.109	2.77	.123	3.12	.143	3.63	.215	5.46
20	NHVSRXX1030	10	30	.038	.965	.112	2.85	.130	3.30	.150	3.81	.227	5.77
20	NHVSRXX1932	19	32	.038	.965	.112	2.85	.130	3.30	.150	3.81	.227	5.77
18	NHVSRXX1630	16	30	.045	1.14	.122	3.10	.141	3.58	.161	4.10	.232	5.89
16	NHVSRXX2630	26	30	.055	1.40	.137	3.48	.155	3.94	.175	4.45	.246	6.25
14	NHVSRXX4130	41	30	.077	1.80	.150	3.81	.168	4.27	.188	4.78	.250	6.35
12	NHVSRXX6530	65	30	.095	2.41	.170	4.32	.188	4.78	.210	5.33	.280	7.11
10	NHVSRXX6528	65	28	.119	3.02	.195	4.95	.215	5.46	.235	5.97	.305	7.75

Standard basic insulation color numbers are: Black: 0, Brown: 1, Red: 2, Orange: 3, Yellow: 4, Green: 5, Blue: 6, Violet: 7, Gray: 8, White: 9. The insulation color code number, may be 1, 2 or 3 digits depending on the number or absence of stripes. The 1st number is color of Insulation, 2nd number is color of first stripe; 3rd number is color of the second stripe. Example: White wire(9) + Red stripe(2) + Black stripe(0) makes a color code number of "9-2-0". That color number, "9-2-0" is appended to the part number. Sample part number might be "xxxxxx-xxx-9-2-0"

*Optional conductor considerations such as nickel or silver coated available subject to minimum quantities
XX Denotes voltage rating

SILICONE RUBBER LEADWIRE

RoHS COMPLIANT PRODUCTS:
all RoHS products have the letter "R" written into the second position of the Part No.

| CONDUCTOR | | | | | | NOMINAL FINISHED DIAMETER | | | | | | | | |
| GAUGE (AWG) | PART NO. | NUMBER OF STRANDS (AWG) | GAUGE OF STRANDS (AWG) | NOM. DIAM. OF STRANDED CONDUCTOR | | 10 KVDC .036 WALL | | 20 KVDC .045 WALL | | 30 KVDC .055 WALL | | 40 KVDC .090 WALL | |
				IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm
24	NRHVSRXX0732	7	30	.024	.610	.099	2.52	.117	2.97	.137	3.48	.208	5.28
22	NRHVSRXX0730	7	30	.030	.762	.109	2.77	.123	3.12	.143	3.63	.215	5.46
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