

NVN[®]

PVC/Nylon/Neoprene, Thermoset Flexible Control
600 V, UL Type TC



Product Construction:

Conductor:

- 18 AWG thru 12 AWG fully annealed stranded bare copper per ASTM B3
- Class C stranding per ASTM B8

Insulation:

- Flame-retardant Polyvinyl Chloride (PVC) with clear Polyamide (nylon)
- Color-coded per ICEA Method 1, Table E-2 (does not include white or green)

Jacket:

- Thermosetting Neoprene

Print:

- GENERAL CABLE[®] BRAND REX BRAND (PLANT OF MFG) NVN 90°C FLEXIBLE CONTROL CABLE 600 V TYPE TC SUN RES XX/C XXAWG (TFFN) OR (THHN/THWN) (UL)

Applications:

- Tight installations
- Trays, conduits and raceways
- Cranes and hoists
- Pendant stations
- Load lifts and platforms
- Recommended for moderate flex applications

Features:

- Rated at 90°C
- Moderate flex cable
- Small diameter
- Thermosetting rubber jacket
- Flame-retardant
- Suitable for indoor and outdoor applications
- Meets cold bend test at -40°C

Compliances:

- Industry Compliances:**
- UL Type TC - 600 V, UL File # E57179

- Flame Test Compliances:**
- IEEE 1202 (70,000 BTU/hr)
 - IEEE 383 (70,000 BTU/hr)

- Other Compliances:**
- EPA 40 CFR, Part 261 for leachable lead content per TCLP method
 - OSHA Acceptable

Packaging:

- Material cut to length and shipped on non-returnable wood reels

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	MINIMUM AVG. INSULATION THICKNESS		MINIMUM AVG. JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT		MINIMUM BEND RADIS	
				INCHES	mm	INCHES	mm	INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km	INCHES	mm

18 AWG CONDUCTORS

554420*	4	18	19W	0.020	0.51	0.045	1.14	0.310	7.87	21	31	65	97	2.5	63.5
624740*	8	18	19W	0.020	0.51	0.045	1.14	0.420	10.67	42	63	116	173	3.3	83.8
624750*	10	18	19W	0.020	0.51	0.045	1.14	0.450	11.43	53	79	135	201	3.6	91.5
624760*	12	18	19W	0.020	0.51	0.045	1.14	0.465	11.81	63	94	137	204	3.7	94.0
624010*	16	18	19W	0.020	0.51	0.045	1.14	0.515	13.08	85	126	175	260	4.1	104.1
624780*	19	18	19W	0.020	0.51	0.060	1.52	0.570	14.48	100	149	192	286	4.6	116.8
624790*	24	18	19W	0.020	0.51	0.060	1.52	0.660	16.76	127	189	297	442	5.3	134.6
686890*	30	18	19W	0.020	0.51	0.060	1.52	0.695	17.65	158	235	345	513	5.6	142.2

16 AWG CONDUCTORS

625160*	4	16	19W	0.020	0.51	0.045	1.14	0.345	8.76	33	49	85	126	2.8	71.1
625200*	8	16	19W	0.020	0.51	0.045	1.14	0.465	11.81	66	98	153	228	3.7	94.0
625220*	10	16	19W	0.020	0.51	0.045	1.14	0.500	12.70	83	124	179	266	4.0	101.6
625230*	12	16	19W	0.020	0.51	0.045	1.14	0.520	13.21	100	149	186	277	4.2	106.7
625250*	16	16	19W	0.020	0.51	0.045	1.14	0.605	15.37	133	198	257	382	4.8	121.9
625270*	19	16	19W	0.020	0.51	0.060	1.52	0.635	16.13	158	235	320	476	5.1	129.5
625280*	24	16	19W	0.020	0.51	0.060	1.52	0.735	18.67	199	296	403	600	5.9	149.9
625290*	30	16	19W	0.020	0.51	0.060	1.52	0.775	19.69	249	371	476	708	6.2	157.5

14 AWG CONDUCTORS

624950*	4	14	19W	0.020	0.51	0.045	1.14	0.375	9.53	53	79	117	174	3.0	76.2
624980*	8	14	19W	0.020	0.51	0.045	1.14	0.485	12.32	105	156	181	269	3.9	99.1
624990*	10	14	19W	0.020	0.51	0.060	1.52	0.595	15.11	132	196	270	402	4.8	121.9
625000*	12	14	19W	0.020	0.51	0.060	1.52	0.615	15.62	158	235	278	414	4.9	124.5
625020*	16	14	19W	0.020	0.51	0.060	1.52	0.675	17.15	210	313	353	525	5.4	137.2
625030*	19	14	19W	0.020	0.51	0.060	1.52	0.710	18.03	250	372	449	668	5.7	144.8
625040*	24	14	19W	0.020	0.51	0.060	1.52	0.825	20.96	316	470	565	841	6.6	167.6
625050*	30	14	19W	0.020	0.51	0.080	2.03	0.920	23.37	394	586	727	1082	7.4	188.0

12 AWG CONDUCTORS

324820*	4	12	19W	0.020	0.51	0.045	1.14	0.420	10.67	84	125	157	234	3.4	86.4
624850*	8	12	19W	0.020	0.51	0.060	1.52	0.575	14.61	167	249	272	405	4.6	116.9
624860*	10	12	19W	0.020	0.51	0.060	1.52	0.670	17.02	209	311	369	549	5.4	137.2
624870*	12	12	19W	0.020	0.51	0.060	1.52	0.690	17.53	250	372	389	579	5.5	139.7
624890*	16	12	19W	0.020	0.51	0.060	1.52	0.765	19.43	334	497	503	749	6.1	155.0
624900*	19	12	19W	0.020	0.51	0.060	1.52	0.805	20.45	397	591	638	949	6.5	165.1
624910*	24	12	19W	0.020	0.51	0.080	2.03	0.980	24.89	501	746	841	1252	7.8	198.1
624920*	30	12	19W	0.020	0.51	0.080	2.03	1.040	26.42	626	932	1017	1513	8.3	210.8

Dimensions and weights are nominal; subject to industry tolerances.

* Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

