

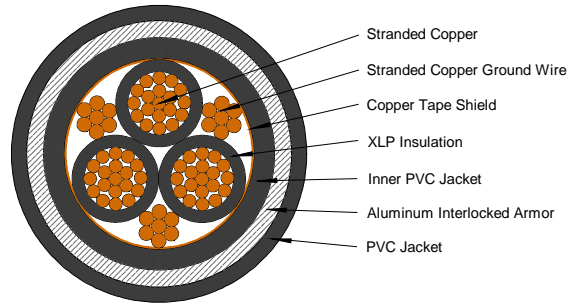
basic wire and cable

3900 N. ROCKWELL ST. CHICAGO, ILLINOIS 60618-3730, TEL: (773) 539-1800, FAX: (773) 539-3500

TYPE VFD/TECK-90

INTERLOCKED ARMOR POWER CABLE

Three Conductors w/Three Grounds, SHIELDED
 XLP Insulation
 Copper Tape Shield
 Inner PVC Jacket
 Aluminum Interlocked Armor
 PVC Jacket
 600 Volt, 90°C Wet/Dry



APPLICATIONS:

Teck-90 cable is suitable for use in exposed or concealed wiring at temperatures of 90°C in dry or wet locations, in ventilated or ladder type cable trays in dry or wet conditions, on walls or beams, or directly buried, for power and control circuits not exceeding 600 volts in manufacturing and processing plants, substations and generating stations. Suitable for use in NEC Hazardous locations: Class I, Div. 2 and Class II, Div. 2. Suitable for variable frequency drive applications.

CONSTRUCTION:

Stranded copper conductors, XLP (Cross-Linked Polyethylene) insulated, Method 4 phase-identified; three insulated conductors cabled together with one stranded copper grounding conductor in each of the interstices and each in contact with helically applied copper tape shield, inner black PVC (Polyvinyl Chloride) jacket, aluminum interlocked armor, black PVC jacket overall, surface printed.

STANDARDS:

1. Copper conductors conform to ASTM B-3 & B-8.
2. Individual conductors conform to UL Standard 44, and are approved as Type XHHW-2.
3. MC Type cable per UL 1569, and TECK-90 Type per CSA Std. C22.2.
4. Cables suitable for sunlight resistant and direct burial applications.
5. Cables designed to pass the IEEE-383 and IEEE-1202 tests.
6. Cables meet requirements of ICEA S-95-658/NEMA WC70.

600 VOLT, 90°C, SHIELDED, THREE CONDUCTORS WITH THREE GROUNDS, ARMORED

BASIC CAT NO.	SIZE/ AWG. KCMIL	STRAND	INSUL. THICK. mils	GRD WIRES NO./AWG.	DIAMETER OVER			WEIGHT lbs/mft
					INNER JKT in.	ARMOR in.	OVERALL in.	
9-103-GS	14	7	30	3#18	.41	.63	.73	310
9-203-GS	12	7	30	3#16	.45	.67	.77	365
9-303-GS	10	7	30	3#14	.49	.71	.81	450
9-651-GS	8	7	45	3#14	.65	.85	.95	550
9-652-GS	6	7	45	3#12	.74	.95	1.05	700
9-653-GS	4	7	45	3#10	.86	1.06	1.16	930
9-654-GS	2	7	45	3#8	.99	1.28	1.38	1350
9-655-GS	1	19	55	3#6	1.12	1.52	1.62	1750
9-656-GS	1/0	19	55	3#6	1.21	1.56	1.66	2030
9-657-GS	2/0	19	55	3#6	1.29	1.65	1.77	2400
9-658-GS	3/0	19	55	3#4	1.42	1.82	1.94	2970
9-659-GS	4/0	19	55	3#4	1.53	1.90	2.02	3480
9-660-GS	250	37	65	3#4	1.74	2.20	2.35	4080
9-661-GS	300	37	65	3#3	1.85	2.21	2.36	4675
9-662-GS	350	37	65	3#2	1.96	2.34	2.49	5380
9-662-S4	400	37	65	3#2	2.07	2.44	2.59	5860
9-663-GS	500	37	65	3#1	2.24	2.64	2.79	7345
9-664-GS	600	61	80	3#1/0	2.48	2.82	2.97	8330
9-665-GS	750	61	80	3#2/0	2.70	3.08	3.23	10820
9-666-GS	1000	61	80	3#3/0	3.08	3.58	3.75	13800

Dimensional data not binding. We reserve the right to alter specifications without notice.
 SHIPPING TOLERANCE +/- 10%



BWC-9-103.203.303.651..666-GS.vfd-tk.ul.iso

