

## Teck Cable

- Copper cable 600volts
- XLPE + PVC + aluminum interlock armour + PVC

### Overview

Teck 90 cables are designed to provide exceptional performance and durability for a wide range of applications, including industrial and commercial settings. With aluminum interlocked armor and cross-linked polyethylene (XLPE) insulation, these cables ensure reliable operation in harsh environments. Suitable for wet, dry, or hazardous locations, Teck cables offer a cost-effective alternative to conduit systems.

### Key Features

- Conductor Material: Bare copper
- Insulation: Cross-linked Polyethylene (XLPE) Type RW90 for excellent thermal resistance.
- Voltage Rating: 600 volts.
- Temperature Range: Operates between -40°C and 90°C.
- Armour: Aluminum Interlocked Armor for mechanical protection.
- Outer Jacket: Black, low-acid gas, flame-retardant, moisture, and sunlight-resistant PVC.

### Applications

- Concealed and exposed wiring in dry or wet environments.
- Use in ventilated, non-ventilated, and ladder-type cable trays.
- Direct earth burial when approved by inspection authorities.
- Service entrances above or below ground.
- Ideal for control, lighting, and power circuits in industrial plants, mines, and commercial facilities.



Cable size (AWG)	Number of conductors	Ground wire (AWG)	Insulation Thickness		Approximate Diameter						Approximate Net Weight	
					Inner Jacket		Armour		Outer Jacket			
			mm	In.	mm	In.	mm	In.	mm	In.	Kg/km	Lb/1000ft
14	2	14	0.76	0.03	9.17	0.36	11.83	0.47	16.54	0.651	187	278
12	2	12	0.76	0.03	10.06	0.40	12.65	0.50	17.42	0.686	218	325
10	2	12	0.76	0.03	10.95	0.43	13.73	0.54	18.82	0.741	271	403
14	3	14	0.76	0.03	9.70	0.38	12.36	0.49	17.07	0.672	215	320
12	3	12	0.76	0.03	10.67	0.42	13.23	0.52	18.03	0.710	252	375
10	3	12	0.76	0.03	11.94	0.47	14.42	0.57	19.33	0.761	314	467
14	4	14	0.76	0.03	10.54	0.42	13.35	0.53	17.91	0.705	240	357
12	4	12	0.76	0.03	11.61	0.46	14.14	0.56	18.97	0.747	290	432
10	4	12	0.76	0.03	13.06	0.51	15.65	0.62	20.42	0.804	367	546
14	5	14	0.76	0.03	11.48	0.45	16.81	0.662	18.85	0.742	265	394
12	5	12	0.76	0.03	12.37	0.49	17.70	0.697	20.24	0.797	329	490
10	5	12	0.76	0.03	12.37	0.49	17.70	0.697	20.24	0.797	501	746
14	6	14	0.76	0.03	12.45	0.49	17.78	0.7	19.84	0.78	293	436
12	6	12	0.76	0.03		0.561	19.61	0.77	21.74	0.86	378	563
10	6	12	0.76	0.03	16.05	0.63	21.39	0.85	23.93	0.94	501	746
14	7	14	0.76	0.03	12.24	0.482	18.34	0.722	21.18	0.834	310	462
12	7	12	0.76	0.03	14.25	0.561	19.84	0.781	22.12	0.871	417	621
10	7	12	0.76	0.03	18.29	0.720	23.62	0.930	25.68	1.011	529	787