

# XLPE/PVC/AIA/PVC - TECK90

Multi-Conductor Armored Control/Power Cable with Ground

CSA: 90°C Dry, 90°C Wet, 600V, HL, FT1, FT4



IEWC Part Number	AWG	No. of Conductors	Stranding	Ground AWG	Nom. Insulation Thickness		Nominal O.D. Over Armor		Nominal Jacket Thickness		Nominal O.D.		Approx. Weight	
					in	mm	in	mm	in	mm	in	mm	lbs/1k ft	kg/km
IA1002X*/6*-T90	10	2	7	12	0.030	0.8	0.670	17.0	0.080	2.0	0.750	19.1	275	409
IA1003X*/6*-T90		3	7	12	0.030	0.8	0.700	17.8	0.080	2.0	0.780	19.8	327	487
IA1004X*/6*-T90		4	7	12	0.030	0.8	0.740	18.8	0.080	2.0	0.830	21.1	413	615
IA1202X*/6*-T90	12	2	7	14	0.030	0.8	0.620	15.7	0.080	2.0	0.700	17.8	228	339
IA1203X*/6*-T90		3	7	14	0.030	0.8	0.650	16.5	0.080	2.0	0.730	18.5	254	378
IA1204X*/6*-T90		4	7	14	0.030	0.8	0.690	17.5	0.080	2.0	0.770	19.6	293	436
IA1205X*/6*-T90		5	7	14	0.030	0.8	0.730	18.5	0.080	2.0	0.810	20.6	350	521
IA1402X*/6*-T90		2	7	14	0.030	0.8	0.580	14.7	0.080	2.0	0.670	17.0	195	290
IA1403X*/6*-T90	14	3	7	14	0.030	0.8	0.600	15.2	0.080	2.0	0.690	17.5	226	336
IA1404X*/6*-T90		4	7	14	0.030	0.8	0.640	16.3	0.080	2.0	0.720	18.3	256	381
IA1405X*/6*-T90		5	7	14	0.030	0.8	0.680	17.3	0.080	2.0	0.760	19.3	290	432
IA1406X*/6*-T90		6	7	14	0.030	0.8	0.720	18.3	0.080	2.0	0.800	20.3	316	470
IA1407X*/6*-T90		7	7	14	0.030	0.8	0.740	18.8	0.080	2.0	0.820	20.8	338	503
IA1408X*/6*-T90		8	7	14	0.030	0.8	0.790	20.1	0.080	2.0	0.870	22.1	373	555
IA1410X*/6*-T90		10	7	14	0.030	0.8	0.880	22.4	0.080	2.0	0.960	24.4	451	671
IA1412X*/6*-T90		12	7	14	0.030	0.8	0.900	22.9	0.080	2.0	0.990	25.1	511	760
IA1415X*/6*-T90		15	7	14	0.030	0.8	0.960	24.4	0.080	2.0	1.040	26.4	586	872
IA1420X*/6*-T90		20	7	14	0.030	0.8	1.130	28.7	0.080	2.0	1.210	30.7	789	1,174

## Notes

- Soft-annealed, bare copper conductor
- Cross-linked polyethylene (XLPE) insulation
- Polyvinyl chloride (PVC) inner jacket
- Aluminum interlocked armor (AIA)
- Polyvinyl chloride (PVC) outer jacket
- Bare copper ground conductor
- RW90 conductors
- Standard jacket color: black

## Alternative Constructions

- Galvanized steel interlocked armor (GSIA)
- 1000V and 5kV constructions

## Available Certifications

UL: 1581  
 CSA: C22.2 No. 131 and No. 174  
 EPA 40 CFR, part 261  
 ICEA T-30-520  
 IEEE 383, 1202  
 OSHA

## Applications

For use in industrial processing, manufacturing and underground applications. Rated for continuous use up to 90°C wet and dry.

No. of Conductors	Standard Conductor Insulation Colors
2	Black, Red
3	Black, Red, Blue
4	Black, Red, Blue, White
5-20	Black, Red, Blue, White and Black with printed conductor numbers