

# USEI90 600V

**Conductor** Compact aluminum stranded conductors  
**Insulation** Black cross-linked polyethylene (XLPE)  
**Jacket** Continuous layer of PVC, weather resistant, non-sulphide staining, FT1 rated material

**Temperature** -40°C to 90°C

**Approvals** CSA C232.2 No. 52

**Application** Suitable for direct burial or installed in ducts, resistant to cut-through and sunlight. It is intended for use in underground systems operating at 600V or less. Portions of the cable may be exposed to sunlight on termination poles and during storage.



## Three Conductors

Product Code	Phase Cond. Size		Neutral Cond. Size		Insulation Thickness (mm)		Jacket Thickness (mm)		Overall	
	AWG	AWG	Phase	Neutral	Phase	Neutral	Effective Diameter (mm)	Approx. Weight (kg/km)	Ampacity	
<b>231400</b>	2	4	1.14	1.14	0.76	0.76	22	413	95/100*	
<b>231200D</b>	2	2	1.14	1.14	0.76	0.76	23	458	95/100*	
<b>232520</b>	1/0	2	1.40	1.14	1.14	0.76	28	650	120	
<b>231210D</b>	1/0	1/0	1.40	1.40	1.14	1.14	29	746	120	
<b>232550</b>	3/0	1/0	1.40	1.40	1.14	1.14	33	961	165	
<b>232210D</b>	3/0	3/0	1.40	1.40	1.14	1.14	34	1068	165	
<b>231410</b>	4/0	2/0	1.40	1.40	1.14	1.14	36	1157	185/200*	
<b>231230D</b>	4/0	4/0	1.40	1.40	1.14	1.14	37	1290	185/200*	
<b>231470D</b>	250	250	1.65	1.65	1.65	1.65	43	1628	215	
<b>231480D</b>	500	500	1.65	1.65	1.65	1.65	55	2871	330	

## Four Conductors

Product Code	Phase Cond. Size		Neutral Cond. Size		Insulation Thickness (mm)		Jacket Thickness (mm)		Overall	
	AWG	AWG	Phase	Neutral	Phase	Neutral	Effective Diameter (mm)	Approx. Weight (kg/km)	Ampacity	
<b>231420</b>	2	4	1.14	1.14	0.76	0.76	25	566	95	
<b>231440</b>	1/0	2	1.40	1.14	1.14	0.76	31	899	120	
<b>232550</b>	3/0	1/0	1.40	1.40	1.14	1.14	37	1317	165	
<b>231450</b>	4/0	2/0	1.40	1.40	1.14	1.14	40	1587	185	
<b>231430D</b>	4/0	4/0	1.40	1.40	1.14	1.14	42	1720	185	
<b>231475D</b>	250	250	1.65	1.65	1.65	1.65	48	2170	215	