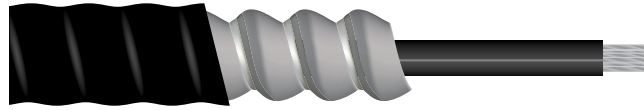


1 CONDUCTOR ACWU90 600V ALUMINUM



Description One to four aluminum conductors with low temperature Exelene* cross-linked polyethylene insulation (RW90 XLPE) and bare aluminum bonding wire in multi-conductor cables. Single conductor cables have copper concentric bonding wire. Conductor assembly is wrapped and enclosed in an interlocked aluminum armour with an overall low acid gas and low flame spread PVC jacket (LAG/LFS) with FT4 and AG14 rating. Lead free and RoHS compliant.
8 and larger are HL rated for Class I Div 1 & 2 Groups A, B, C, & D, Class II Div 1 & 2 Groups E, F, & G and Class III Hazardous Locations.

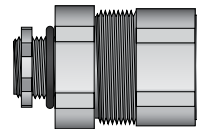
Temperature -40°C to +90°C

Application For exposed and concealed wiring in dry or wet locations and where exposed to weather.
For use in ventilated, non-ventilated and ladder type cable trays in dry or wet locations.
For direct earth burial (with protection as required by Inspection Authority).
For service entrance above or below ground,
For use in hazardous locations with approved connectors

One Conductor

Product Code	AWG Size	Ground Wire Size	Approximate Diameters						Weight Aluminum (Armoured)		Ampacity 30°C Ambient (amps)
			Insulation		Armour		Jacket		lbs/mft	kg/km	
			mm	Inches	mm	Inches	mm	Inches			
220070	350	2	1.65	0.065	28.22	1.111	30.71	1.209	753	1120	415
220090	500	1	1.65	0.065	32.16	1.266	34.65	1.357	972	1446	515
220110	750	1/0	2.03	0.080	36.47	1.436	38.96	1.534	1306	1943	670
220120	1000	3/0	2.03	0.080	40.28	1.586	43.28	1.704	1626	2419	800

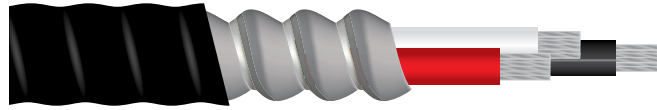
1 CONDUCTOR ACWU90 600V CONNECTORS



No. of Cond.	AWG Size	Product Code	O-Z GEDNEY/CROUSE HINDS			
			PRYSMIAN	NORTHERN	NEXANS	ALCAN
1	250	220050	N/A	N/A	41TECK0756	41TECK0756
1	350	220070	41TECK1007	N/A	41TECK1007	41TECK1007
1	500	220090	41TECK1258	N/A	41TECK1258	41TECK1258
1	750	220110	41TECK1259	N/A	41TECK1259	41TECK12510
1	1000	220120	41TECK15011	N/A	41TECK15011	41TECK15011

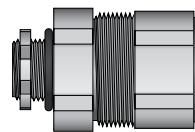
N/A - Not Available

3 CONDUCTOR ACWU90 600V ALUMINUM



Product Code	AWG Size	Ground Wire Size	Approximate Diameters						Weight Aluminum (Armoured)		Ampacity 30°C Ambient (amps)
			Insulation		Armour		Jacket		lbs/mft	kg/km	
			mm	Inches	mm	Inches	mm	Inches			
220140	6	8	1.14	0.045	18.67	0.74	21.21	0.84	280	416	55
220150	4	6	1.14	0.045	22.28	0.88	24.82	0.98	382	568	65
220160	2	6	1.14	0.045	24.64	0.98	27.18	1.08	484	720	95
220170	1	4	1.40	0.055	27.99	1.11	30.53	1.21	599	890	105
220180	1/0	4	1.40	0.055	29.59	1.17	32.13	1.27	683	1015	120
220190	2/0	4	1.40	0.055	31.88	1.26	34.42	1.36	794	1181	145
220200	3/0	4	1.40	0.055	34.52	1.36	36.83	1.45	925	1378	165
220210	4/0	4	1.40	0.055	37.36	1.48	39.9	1.58	1088	1618	185
220220	250	2	1.65	0.65	41.71	1.65	44.75	1.77	1377	2049	215
220225	300	2	1.65	0.65	45.72	1.80	48.77	1.92	1696	2530	
220230	350	2	1.65	0.65	47.63	1.88	50.67	2	1776	2643	260
220250	500	1	1.65	0.65	54.25	2.14	57.3	2.26	2327	3463	330
220253	750	1/0	2.03	0.080	63.58	2.51	66.62	2.63	3243	4826	405

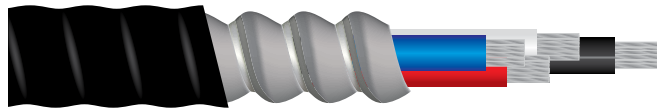
3 CONDUCTOR ACWU90 600V CONNECTORS



No. of Cond.	AWG Size	Product Code	O-Z GEDNEY/CROUSE HINDS			
			PRYSMIAN	NORTHERN	NEXANS	ALCAN
3	6	220140	41TECK0504	41TECK0504	41TECK0755	41TECK0504
3	4	220150	41TECK0755	41TECK0755	41TECK0755	41TECK0755
3	2	220160	41TECK0756	41TECK0756	41TECK1007	41TECK1007
3	1	220170	41TECK1007	41TECK1007	41TECK1007	41TECK1007
3	1/0	220180	41TECK1007	41TECK1007	41TECK1007	41TECK1007
3	2/0	220190	41TECK1258	41TECK1258	41TECK1258	41TECK1258
3	3/0	220200	41TECK1258	N/A	41TECK1258	41TECK1258
3	4/0	220210	41TECK1259	41TECK1259	41TECK1259	41TECK12510
3	250	220220	41TECK15011	41TECK15011	41TECK15011	41TECK15011
3	350	220230	41TECK20013	N/A	41TECK20013	41TECK20013
3	500	220250	41TECK20014	41TECK20015	41TECK20014	41TECK20014
3	750	220253	41TECK25018	N/A	41TECK25018	41TECK25018

N/A - Not Available

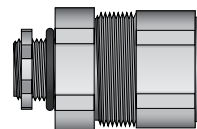
4 CONDUCTOR ACWU90 600V ALUMINUM



Product Code	AWG Size	Ground Wire Size	Approximate Diameters						Weight Aluminum (Armoured)		Ampacity 30°C Ambient (amps)
			Insulation		Armour		Jacket		lbs/mft	kg/km	
			mm	Inches	mm	Inches	mm	Inches			
220260	6	8	1.14	0.045	22.50	0.886	24.7	.97	382	569	55*
220270	4	6	1.14	0.045	25.27	0.995	27.81	1.01	503	748	75*
220280	2	6	1.14	0.045	27.56	1.09	30.1	1.19	590	878	76
220290	1	4	1.40	0.055	31.47	1.24	34.01	1.34	738	1097	84
220300	1/0	4	1.40	0.055	33.38	1.32	35.92	1.42	848	1261	96
220310	2/0	4	1.40	0.055	35.05	1.38	37.59	1.48	978	1455	116
220320	3/0	4	1.40	0.055	38.02	1.5	40.56	1.6	1150	1710	132
220330	4/0	4	1.40	0.055	42.62	1.68	45.67	1.8	1481	2204	148
220340	250	2	1.65	0.065	46.63	1.84	49.68	1.96	1742	2591	172
220350	350	2	1.65	0.065	52.53	2.07	55.58	2.19	2223	3307	208
220370	500	1	1.65	0.065	60.58	2.385	63.91	2.516	3025.3	4501	350
220390	750	1.0	2.03	0.08	73.96	2.912	76.28	3.003	4158.5	6187	435

*at 90° C

4 CONDUCTOR ACWU90 600V CONNECTORS



No. of Cond.	AWG Size	Product Code	O-Z GEDNEY/CROUSE HINDS			
			PRYSMIAN	NORTHERN	NEXANS	ALCAN
4	6	220260	N/A	41TECK0755	41TECK0755	41TECK0755
4	4	220270	N/A	41TECK0756	41TECK0756	41TECK1007
4	2	220280	41TECK1007	41TECK1007	41TECK1007	41TECK1007
4	1	220290	41TECK1258	41TECK1007	41TECK1258	41TECK1258
4	1/0	220300	41TECK1258	N/A	41TECK1258	41TECK1258
4	2/0	220310	41TECK1258	41TECK1259	41TECK1258	41TECK1258
4	3/0	220320	41TECK1259	41TECK12510	41TECK12510	41TECK12510
4	4/0	220330	41TECK15011	41TECK15011	41TECK15011	41TECK15011
4	250	220340	41TECK20013	41TECK20014	41TECK20013	41TECK20013
4	350	220350	41TECK20014	41TECK20014	41TECK20014	41TECK20014
4	500	220370	41TECK25017	41TECK25017	41TECK25017	41TECK25017
4	750	220390	41TECK30020	N/A	41TECK30020	41TECK30019

N/A - Not Available