

ALUMINUM 600V TRI-RATED UD



APPLICATIONS

ALUMINUM 600V TRIPLE RATED UD CABLE FOR USE IN SECONDARY DISTRIBUTION CIRCUITS IN DUCT OR DIRECT BURIAL APPLICATIONS UP TO 600V RATED PER NEC AT 90°C IN DRY AND WET LOCATIONS

CONSTRUCTION

STRANDED, COMPACT AA-8000 SERIES ALUMINUM ALLOY CONDUCTOR
 MOISTURE AND HEAT RESISTANT CROSS-LINKED POLYETHYLENE (XLPE) INSULATION
 BLACK PHASE CONDUCTORS, NEUTRAL CONDUCTOR WITH THREE YELLOW LONGITUDINAL STRIPES
 LEAD FREE, ABRASION RESISTANT, IMPACT AND SUNLIGHT RESISTANT FR-XLPE INSULATION
 PRINT LEGEND RAISED PRINTED ON PHASE A CONDUCTOR AND NEUTRAL CONDUCTOR
 PHASE IDENTIFICATION ONLY ON PHASE B

STANDARDS

ASTM B230 AND B231, ICEA S-105-692
 UL STANDARD 854 FOR TYPE USE-2
 UL 44 (RHH & RHW-2) THERMOSET-INSULATED WIRES AND CABLES
 UL APPROVED



ALUMINUM 8000 CONDUCTORS TRI-RATED UD: TRIPLEX CONDUCTOR

CODE	PART NO.	XLPE INSULATED PHASE CONDUCTOR			XLPE INSULATED NEUTRAL CONDUCTOR			NOMINAL OD (INCHES)		NET WEIGHT /MFT (LBS)	AMPACITY	
		SIZE (AWG)	STRAND	INSULATION (MILS)	SIZE (AWG)	STRAND	INSULATION (MILS)	SINGLE PHASE	COMPLETE CABLE		DIRECT BURIAL	IN DUCT
TRIPLEX CONDUCTOR 600V TRI-RATED UD												
VASSAR	UD-VASSAR8000	4	7	60	4	7	60	345	0.745	191	125	90
STEPHENS	UD-STEPHENS8000	2	7	60	4	7	60	403	0.870	246	165	120
RAMAPO	UD-RAMAPO8000	2	7	60	2	7	60	403	0.870	290	165	120
BRENAU	UD-BRENAU8000	1/0	19	80	2	7	60	512	1.106	389	215	160
BERGEN	UD-BERGEN8000	1/0	19	80	1/0	19	80	512	1.106	476	215	160
CONVERSE	UD-CONVERSE8000	2/0	19	80	1	19	80	555	1.199	483	245	180
HUNTER	UD-HUNTER8000	2/0	19	80	2/0	19	80	555	1.199	535	245	180
SWEETBRIAR	UD-SWEETBRIAR8000	4/0	19	80	2/0	19	80	658	1.421	715	315	240
MONMOUTH	UD-MONMOUTH8000	4/0	19	80	4/0	19	80	658	1.421	802	315	240
PRATT	UD-PRATT8000	250	37	95	3/0	19	80	732	1.581	867	345	265
WESLEYAN	UD-WESLEYAN8000	350	37	95	4/0	19	80	831	1.795	1165	415	320

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
 AMPACITY BASED ON 40°C AMBIENT TEMPERATURE, CROSSWIND AT 2FT/S, AND NO SUN