

ALUMINUM 15KV 175MIL TRXLP 100% UD



APPLICATIONS

MEDIUM VOLTAGE UD CABLE FOR USE IN PRIMARY UNDERGROUND DISTRIBUTION SYSTEM IN UNDERGROUND DUCTS, CONDUITS OR EXPOSED TO SUNLIGHT FOR GROUND APPLICATIONS UP TO 15KV RATED OR LESS AT 90°C IN DRY AND WET LOCATIONS

CONSTRUCTION

CONDUCTOR: BARE ALUMINUM STRANDED CLASS B CONDUCTOR (COMPRESSED STRAND)
CONDUCTOR WITH MOISTURE BLOCK IN THE STRANDS AVAILABLE

STRAND SHIELD: EXTRUDED SEMI-CONDUCTING STRAND SHIELD

INSULATION: TREE-RETARDANT CROSS-LINKED POLYETHYLENE (TR-XLPE)

INSULATION SHIELD: EXTRUDED SEMI-CONDUCTING INSULATION SHIELD

NEUTRAL WIRES: COATED OR UNCOATED COPPER CONCENTRIC NEUTRAL WIRES

EMBEDDED JACKET: NON-CONDUCTING LINEAR LOW DENSITY POLYETHYLENE (LLDPE)
ENCAPSULATING JACKET WITH EXTRUDED RED STRIPES
WATER BLOCKING JACKET OPTION AVAILABLE

STANDARDS

ICEA S-94-649

AEIC CS-8

RUS ACCEPTED

FOR 90°C CONTINUOUS, 130°C OVERLOAD AND 250°C SHORT-CIRCUIT OPERATION

ALUMINUM 15KV 175 ML TRXLP 100% INSULATION LEVEL PRIMARY UD CABLE

PART NO.	CONDUCTOR SIZE (AWG or KCMIL)	STRAND	INSULATION OVERALL OD (INCHES)	NEUTRAL WIRE NO. x SIZE (AWG)	WEIGHT W/O JACKET (LBS/MFT)	NOMINAL OD (INCHES)	NOM. WEIGHT W/JACKET (LBS/MFT)
ALUMINUM CONDUCTOR 175 MIL XLP/TRXLPE 15KV UD CABLE (100% INSULATION): FULL CONCENTRIC NEUTRAL							
UD-15AL2TRX175FNJ	2	7	0.695	10 x 14	370	1.003	487
UD-15AL1TRX175FNJ	1	19	0.730	13 x 14	437	1.038	556
UD-15AL1/OTRX175FNJ	1/0	19	0.770	16 x 14	510	1.078	632
UD-15AL2/OTRX175FNJ	2/0	19	0.815	13 x 12	616	1.157	760
UD-15AL3/OTRX175FNJ	3/0	19	0.865	16 x 12	730	1.207	874
UD-15AL4/OTRX175FNJ	4/0	19	0.920	20 x 12	875	1.262	1030
ALUMINUM CONDUCTOR 175 MIL XLP/TRXLPE 15KV UD CABLE (100% INSULATION): REDUCED (1/3) NEUTRAL							
UD-15AL1/OTRX175RNJ	1/0	19	0.770	6 x 14	373	1.078	515
UD-15AL2/OTRX175RNJ	2/0	19	0.815	7 x 14	434	1.123	575
UD-15AL3/OTRX175RNJ	3/0	19	0.865	9 x 14	510	1.173	655
UD-15AL4/OTRX175RNJ	4/0	19	0.920	11 x 14	598	1.228	759
UD-15AL250TRX175RNJ	250	37	0.980	13 x 14	684	1.288	889
UD-15AL350TRX175RNJ	350	37	1.080	11 x 12	913	1.462	1175
UD-15AL500TRX175RNJ	500	37	1.210	16 x 12	1207	1.562	1498
UD-15AL750TRX175RNJ	750	61	1.400	15 x 10	1685	1.884	2057
UD-15AL1000TRX175RNJ	1000	61	1.545	20 x 10	2210	2.069	2516

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES