CONDUMEX

TYPE RHH-RHW-USE-2
COPPER XLPE 600 VOLTS

15.PWR-600- CUXLPE.01

DESCRIPTION

1) Annealed bare stranded class B conductor
2) Flame-retardant cross-linked polyethylene (XLPE) insualtion.



APPLICATION

May be installed in free air, all raceways or use in direct burial in industrial and commercial application. May be used as underground service entrance cable.

MAXIMUM OPERATING VOLTAGE

600 volts

MAXIMUM CONDUCTOR TEMPERATURE

Type RHH	90° C Dry and damp locations
Type RHW or USE	75° C Dry and wet locatinons

FEATURES

1) Flame retardant, moisture and heat resistant insulation.
2) UL listed as types RHH or RHW or USE for use in accordance with the National Electrical Code.
3) UL approved as VW-1 (RHH or RHW)
4) Good resistance to most oils and chemicals.
5) Suitable for installation in sub-zero temperatures.
6) Stable electrical propoerties.
7) Extremely tough.

SPECIFICATIONS

UL-44 (UL) Standard for Rubber-Insulated Wires and Cables.

ICEA S-66-524 Standard for Cross-Linked Polyethylene Insualted Wire and Cable.

National Electrical Code References:

Product	Article 310, Table 310-13
Ampacities	Article 310-15

RoHS

HOW TO ORDER

CONDUMEX type RHH-RHW-USE-2 XLPE 600 volts, size, length, quantity, packaging.

Size AWG/kcmil	Number of Strands	Conductor Area kcmil	Conductor Diameter inch	Insulations Thickness mils	Overall Diameter inch	Net Weight lb/Mft
8	7	16.5	0.15	60	0.27	73
6	7	26.2	0.18	60	0.31	108
4	7	41.7	0.22	60	0.35	161
2	7	66.3	0.28	60	0.41	245
1/0	19	106	0.36	80	0.53	392
2/0	19	133	0.41	80	0.58	485
3/0	19	168	0.46	80	0.63	600
4/0	19	211	0.51	80	0.69	746
250	37		0.56	95	0.76	887
300	37		0.61	95	0.82	1052
350	37		0.66	95	0.87	1216
400	37		0.71	95	0.92	1380
500	37		0.79	95	0.99	1708
600	61		0.87	110	1.11	2055
750	61		0.97	110	1.20	2542
1000	61		1.12	110	1.36	3353

Dimension and weights shown are nominal, unless otherwise indicated, and subject to manufacturing tolerances.