

Type USE-2/RHH/RHW-2

Description:

USE-2/RHH/RHW-2 is a compact stranded conductor. Mylar tape may be placed between the XLPE insulation and the conductor strands.

Application:

Primarily used as Type USE-2 direct-buried underground service entrance, but is also listed for RHH or RHW-2 making it suitable for applications in raceways for general purpose lighting and power circuits. This multiple listing offers a unique advantage to the installer to purchase one product that is suitable for installation on both sides of service-point and where service-point is located within the envelope of the building.

Marking:

Cables will bear the following surface marking: Alcan (Plant of Manufacture) (Size) Compact STABILOY® AA-8030 AL Series XLPE 600 V USE-2 or RHH or RHW-2 SUN-RES (UL) (Year of Manufacture).

Available Options:

Contact Alcan Cable for:

1. 600V RHH or RHW-2 conductors rated for "CT USE" and other markings.
2. 2000V RHH or RHW-2 conductors
3. 2000V RHH or RHW-2 conductors rated for "CT USE" and other markings.



Size AWG or kcmil	NOMINAL DIMENSIONS			NOMINAL WEIGHT (lbs./1000 ft.)		STANDARD PACKAGE	
	Insulation Thickness (Mils)	Conductor Diameter (Inches)	USE-2 Conductor Diameter (Inches)	STABILOY	Total	Length	Reel
6	60	.169	.290	25	44	1000'	NRC 16.15
4	60	.213	.335	39	63	1000'	NRC 16.15
2	60	.268	.390	62	92	1000'	NRC 21.15
1	80	.299	.460	79	122	1000'	NRC 21.15
1/0	80	.336	.500	99	148	1000'	NRC 21.18
2/0	80	.376	.540	125	179	1000'	NRC 24.15
3/0	80	.423	.590	157	217	1000'	NRC 24.18
4/0	80	.475	.635	199	265	1000'	NRC 27.18
250	95	.520	.710	235	320	1000'	NRC 30.18
300	95	.570	.760	282	374	1000'	NRC 30.24
350	95	.616	.810	329	428	1000'	NRC 30.24
400	95	.659	.850	376	482	1000'	NRC 32.24
500	95	.736	.930	469	588	1000'	NRC 32.24
600	110	.813	1.035	563	713	1000'	NRC 36.24
700	110	.877	1.100	657	818	1000'	NRC 40.24
750	110	.908	1.130	704	870	1000'	NRC 40.24
900	110	.999	1.239	847	1042	1000'	NRC 48.28
1000	110	1.060	1.280	939	1132	1000'	NRC 48.28

NOTES:

1. Data are approximate and subject to normal manufacturing tolerances.
2. Standard lengths are subject to normal manufacturing tolerances of $\pm 10\%$.
3. Two, three or four conductors can be paralleled on a reel.
4. The suffix -2 indicates that these wire types can be used at a continuous 90°C operating temperature in wet and dry locations.