

8000 Series Aluminium Alloy Conductor Type RHH-2/USE-2 Cable



Application

This product can be installed as a general purpose building wire, used in service entrance, feeders and branch circuits applications for residential, commercial, industrial and transportation environments for permanent installations. The product is ideal for underground service entrance (USE) in wet locations. RHH/RHW-2/USE-2 conductors are suitable for directly buried installations. RHH/RHW-2/USE-2 conductors can be used in environments where superior insulation toughness and chemical resistance is required. The high resistance to humidity makes this cable suitable for wet locations, for outdoors and for weather resistant use.

Construction

The stranded compacted 8000 series aluminium alloy conductor is insulated with black XLPE.

Technical Data

Rated Voltage	600V
Operating Temperature	Max permissible continuous operating temperature of conductor shall not exceed 90°C.
Standard	ASTM B800, ASTM B801, UL 44, UL854 or other standards required by customers.

Aluminium RHH-2 / USE-2

Conductor*			Conductor*		
Size AWG or MCM	No. of Strands	Approx. Overall Diameter inch	Size AWG or MCM	No. of Strands	Approx. Overall Diameter inch
8	7	0.257	250	35	0.713
6	7	0.292	300	35	0.763
4	7	0.336	350	35	0.809
2	7	0.391	400	35	0.852
1	18	0.462	500	35	0.929
1/0	18	0.499	700	58	1.100
2/0	18	0.539	750	58	1.131
3/0	18	0.586	1000	58	1.283
4/0	18	0.638			