PERFORMANCE
WIRE & CABLE INC

Performance Wire and Cable Inc.
P.O. Box 126
Camden, NY 13316
Tel. (315) 245-2594
Fax. (315) 245-2595
WWW. PerformanceWire.com

USE-2 or RHW-2 or RHH

DESCRIPTION & FEATURES :

For lighting and power applications in accordance with the National Electrical Code and for other general propose wiring applications. Suitable for use in circuits not exceeding 600 volts at conductor temperatures not exceeding 90°C in wet or dry locations. May be installed in raceway, duct, direct burial and aerial installations

APPLICATION :

Suitable for direct burial with plastic pipe to facilitate the detection and tracing of underground pipe systems.

STANDARDS :

1. **Type USE-2 (90°C wet or dry) per Standard UL-854 for Service Entrance Cables.**
2. **RHW-2 (90°C wet or dry) or RHH (90°C dry) per Standard UL-44.**
3. **Conforms to ICEA Pub. No.S-95-658**
4. **Conforms to the wire and cable requirements of NFPA 130 (2003) chapter 5 and 6 of the NFPA (2003) requirements specified in paragraph 1.05 of specification section 16120**
5. **Sizes 12-4 AWG stranded copper approved under FAA Advisory Circular 150/5345-7D per spec L-824 Airport Lighting Cable, type C**

Construction: **Annealed copper conductor, XLP thermosetting chemically crosslinked polyethylene insulation, surface printed.**

*** AMPACITY in accordance with NEC for not more than three conductors. As RHW-2 in Raceway, 90°C conductor temperature and**
30°C ambient in wet or dry locations. As RHH: in raceway,90°C Conductor temperature and 30°C ambient in dry locations. As USE -2: direct burial, 90°C conductor Temperature and 30°C ambient in wet locations
*** AMPACITY in accordance with NEC for not more than three conductors. As RHW: in raceway,**
75C°C conductor temperature and 30°C ambient in wet or dry locations. As USE: direct burial,
75°C conductor temperature and 30°C ambient in wet locations.

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Size AWG or kcmil	No. of Strands	Insulation Thickness Mils	Nom. Diam Inches	Copper			
				Ampacity		Aprox. Wt. Lb/1000 Ft.	
				90°C * USE-2 RHW-2 RHH	75°C ** USE RHW	Net	Shipping
SOLID							
12	solid	45	0.180	30	25	30	33
10	solid	45	0.200	40	35	43	46
8	solid	60	0.250	55	50	68	73
STRANDED							
12	7	45	0.190	30	25	32	33
10	7	45	0.210	40	35	45	49
8	7	60	0.270	55	50	72	79
6	7	60	0.310	75	65	105	115
4	7	60	0.360	95	85	155	175
2	7	60	0.412	130	115	237	260