

Soft annealed copper stranded conductor class "B"
(12 AWG – 1000 kcmil) having high – heat and moisture
resistant cross linked polyethylene (XLPE) insulation,
Type USE / USE-2: 12 AWG – 1000 kcmil
Type RHW / RHH / RHW-2: 6 AWG – 1000 kcmil



FILE NUMBER E161175 (RHH/RHW/RHW-2)
FILE NUMBER E167457 (USE/USE-2)



Application

This cable may be used for general purpose wiring for
installations in wet or dry locations, in air, conduit, duct or
other recognized raceways.
Maximum voltage of operation= 600 V

Construction elements

- A. Stranded bare copper conductor.
- B. XLPE Insulation

Maximum conductor temperature

TYPE	WET	DRY
RHW	75°C	75°C
USE	75°C	90°C
RHH	---	90°C
RHW-2	90°C	90°C
USE-2	90°C	90°C

Cable data

Normas:

UL44 UL 854 ICEA S-95-658/NEMA WC 70

Size AWG / kcmil	Construction		Conductor Diameter (inches)	Insulation Thickness (inches)	Aprox. outside Diameter (inches)	Aprox. Weight (pounds/kft)	Ampacity (A) ①		Conductors in Conduit ②	
	N° of wires	Diameter of wires (inches)					USE/RHW (75°C)	RHH/RHW-2/USE-2 (90°C)	Diameter Conduit (pulg)	Number of Cond.
12	7	0,0305	0,092	0,046	0,191	31	25	20	½	4
10	7	0,0385	0,116	0,046	0,215	45	35	40	½	3
8	7	0,0486	0,146	0,062	0,276	72	50	55	¾	4
6	7	0,0612	0,184	0,062	0,313	106	65	75	¾	3
4	7	0,0772	0,232	0,062	0,362	160	85	95	1	3
3	7	0,0867	0,260	0,062	0,390	197	100	110	1	3
2	7	0,0974	0,292	0,062	0,423	244	115	130	1 ¼	4
1	19	0,0665	0,323	0,082	0,492	314	130	150	1 ¼	3
1/0	19	0,0744	0,362	0,082	0,531	385	150	170	1 ½	3
2/0	19	0,0839	0,407	0,082	0,571	478	175	195	1 ½	3
3/0	19	0,0941	0,457	0,082	0,620	593	200	225	2	4
4/0	19	0,1055	0,512	0,082	0,675	735	230	260	2	3
250	37	0,0823	0,559	0,096	0,752	876	255	290	2	3
300	37	0,0902	0,612	0,096	0,805	1040	285	320	2 ½	4
350	37	0,0272	0,661	0,096	0,854	1201	310	350	2 ½	4
400	37	0,1039	0,707	0,096	0,900	1363	335	380	2 ½	3
500	37	0,1161	0,789	0,096	0,982	1685	380	430	2 ½	3
600	61	0,0992	0,866	0,112	1,091	2033	420	475	3	3
750	61	0,1110	0,970	0,112	1,195	2522	475	535	3	3
1000	61	0,1280	1,118	0,112	1,343	3316	545	615	3 ½	3

① Ampacity of not more than three conductors in raceway or directly buried, based on ambient temperature of 30°C (86°F), Table 310-16 of the National Electrical Code.

② Maximum number of conductors in electrical metallic tubing, Table C1 of National Electrical Code.

6 AWG and larger are identified with "Type USE -2 OR RHH OR RHW-2"

Standard put – ups= 500R/1000R/2500R. (R= Reels)

Colors: Black, White, Red, Green & Blue

The data listed above is approximate and subject to normal manufacturing tolerances. Specifications are subject to change without notice.

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