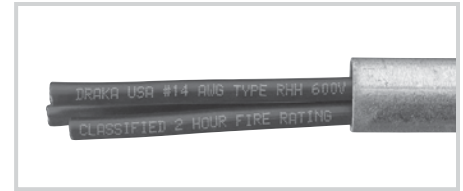


## RHH 2-Hour Fire-Rated

### A Low-Cost, High-Reliability Fire-Rated Cable System

A cost-effective means for providing two hour fire protection as required for your most critical circuits; it replaces Mineral Insulated (MI) cable, concrete encasement or construction of unnecessary fire barriers as the optimum way to protect critical circuits against attack by fire and water. Beyond the obvious economical advantage, RHH cable can be installed in long lengths (using standard pull through fittings and labor rates), does NOT require special tools or connectors and (with proper planning) circuit expansion, replacement or resizing can readily be accomplished.



### Features & Benefits

- Recognized two-hour fire-rating
- UL Listed type RHH 600V, 90°C Rating
- Installs in common 1/2" (or larger) EMT conduit
- Physical protection provided by conduit
- LOOKS, FEELS and INSTALLS like standard RHH
- No special tools, connectors or procedures
- Meets requirements of NEC® Article 517 Healthcare Facilities
- No cable length restrictions

See referenced pages in the Hardware & Supplies section:

#### Installation Hardware

- Acme 25A or 75A Staple Gun - I-3

#### Suggested Prep Tool

- 721 Multi-Wire Stripper/Cutter - I-9

### Performance

- Exceeds fire rating requirements of NEC® Articles 695 and 700
- Classified two-hour fire rating per UL Standard for Tests for Fire Resistive Cables, UL 2196, with exposure up to 1,850°F, immediate application of water hose stream and maintenance of full utilization voltage and electrical load throughout the test
- Meets all of the requirements of UL Subject #44 for rubber-insulated Type RHH
- Electrical Circuit Protective System (FHIT) #25 of the UL Fire Resistance Directory

Part No.	Copper Size AWG/MCM	No. of Strands	Insulation Thickness		Jacket Thickness		Overall Diameter		Approx. Weight		Ampacity*		EMT Size***	
			inch	mm	inch	mm	inch	mm	lbs/M-ft	kg/km	75°C	90°C	3 Cond.	4 Cond.
RHH14	14	7	.045	1.14	.015	.38	.197	5.00	30	45	15**	15**	1/2"	3/4"
RHH12	12	7	.045	1.14	.015	.38	.216	5.49	40	60	20**	20**	1/2"	3/4"
RHH10	10	7	.045	1.14	.015	.38	.248	6.30	56	83	30**	30**	3/4"	3/4"
RHH8	8	7	.060	1.52	.030	.76	.337	8.56	97	144	50	55	1"	1-1/4"
RHH6	6	7	.060	1.52	.030	.76	.369	9.37	135	201	65	75	1"	1-1/4"
RHH4	4	7	.060	1.52	.030	.76	.418	1.62	193	287	85	95	1-1/4"	1-1/4"
RHH3	3	7	.060	1.52	.030	.76	.445	11.30	233	347	100	110	1-1/4"	1-1/2"
RHH2	2	7	.060	1.52	.030	.76	.478	12.14	283	421	115	130	1-1/4"	1-1/2"
RHH1	1	19	.080	2.03	.045	1.14	.590	14.99	389	579	130	150	2"	2"
RHH10	1/0	19	.080	2.03	.045	1.14	.631	16.03	471	701	150	170	2-1/2"	2"
RHH20	2/0	19	.080	2.03	.045	1.14	.674	17.12	571	850	175	195	2"	2-1/2"
RHH30	3/0	19	.080	2.03	.045	1.14	.725	18.42	700	1,042	200	225	2"	2-1/2"
RHH40	4/0	19	.080	2.03	.045	1.14	.780	19.81	855	1,272	230	260	2-1/2"	2-1/2"

When installed per UL Electrical Circuit Protective System (FHIT) #25 and all provisions of the National Electrical Code (NFPA 70)

\* Ampacity based on three current carrying conductors in a conduit and a 30°C (88°F) ambient temperature.

\*\* See national electrical code (NFPA 70) section 240-3.

\*\*\* Electrical metallic tubing (EMT) per NFPA 70. For rigid metal conduit see NFPA 70, Chapter 9.

**NOTE:** Table does not take voltage drop into consideration.