

XHHW or RHH or SIS

Bare or tinned solid or stranded copper.
90°C, 600 Volts.

APPLICATIONS

For internal wiring of power switching equipment.
Sizes 14awg-8awg rated XHHW. Sizes 6awg-4/0awg rated RHH

SPECIFICATIONS

- CSA Spec. C22.2. No.127; LL90458
- UL Spec. No. 44; E121130
- VW1 Flame Test
- FT1, FT2

CONSTRUCTION

Bare or tinned solid or stranded copper with cross-linked polyethylene insulation. Rating of XHHW is 90°C dry or wet, RHH is 90°C dry, and SIS is 90°C dry.

Size (AWG)	No. of Strands	Insulation Thickness		Overall Diameter		Allowable Ampacity + 30°C Ambient (amps)			Net Weight	
		(mm)	(in)	(mm)	(in)	60°C	75°C	90°C	kg/km	lbs/Mft
14	1	0.76	0.030	3.23	0.127	20	20	20	27	18
14	7	0.76	0.030	3.45	0.136	20	20	20	29	19
14	41	0.76	0.030	3.45	0.136	20	20	20	29	19
12	1	0.76	0.030	3.63	0.143	25	25	25	40	27
12	7	0.76	0.030	4.01	0.158	25	25	25	42	28
12	65	0.76	0.030	4.01	0.158	25	25	25	42	28
10	1	0.76	0.030	4.19	0.165	40	40	40	59	40
10	7	0.76	0.030	4.57	0.180	40	40	40	62	42
10	104	0.76	0.030	4.65	0.183	40	40	40	63	42
8	7	1.14	0.045	6.15	0.242	55	65	70	104	70
8	19	1.14	0.045	6.15	0.242	55	65	70	104	70
6	7	1.14	0.045	6.81	0.268	80	95	100	143	96
4	7	1.14	0.045	8	0.315	105	125	135	220	148

+ Allowable ampacities are for general use as specified by the Canadian Electrical Code, 2008, Table 1.