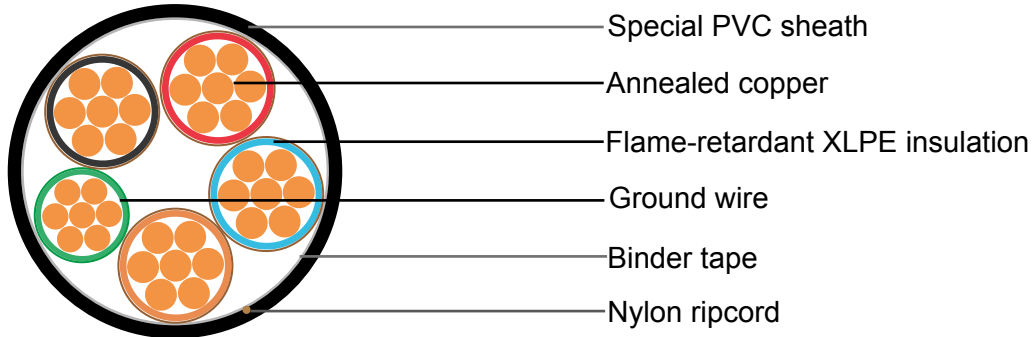




Unscreened XHHW-2 Cable with Ground Wire



Unscreened XHHW-2 Cable with Ground Wire

Applications

These cables are used in class 1, Division 2 Hazardous locations, may be installed in trays, wire ways, ducts, conduit and aerially when properly supported by a messenger. They are approved for direct burial, wet or dry locations and outdoors in cable trays where a sunlight resistant rating is required.

Standards

ICEA S-73-532; ICEA S-95-658; UL 1277; UL 44

Construction

Conductor: Bare, annealed copper conforming to ASTM B3 and B8

Ground wires: Sized as required by UL 1277. Sizes 14 AWG to 6 AWG have an insulated green ground wire. Sizes 4 AWG and larger have a bare ground wire.

Insulation: Flame-retardant XLPE meeting the requirements for XHHW-2 per UL 44 and the requirements of ICEA S-95-658 for XLPE insulation as standard. Sizes 14 AWG to 8 AWG are VW-1, and sizes #6 AWG and larger are non-VW-1.

Binder tape

Jacket: Special PVC, flame retardant, UL listed sunlight and moisture resistant, meeting the requirements of UL 1277. Color: Black

Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

3 Cores, 600V, Rated 90°C

Conductor Size (AWG/kcmil)	Ground Wire Size (AWG)	Insulation Thickness (mm)	Jacket Thickness (mm)	Nom. O.D. (mm)	Approx Weight (kg/km)	Ampacity (amps)
12	12	0.76	1.14	11.82	216	30
10	10	0.76	1.14	13.30	305	45
8	10	1.14	1.52	16.89	480	55
6	8	1.14	1.52	19.53	672	75



Cables for Oil Industry

4	8	1.14	1.52	20.78	886	95
3	6	1.14	2.03	23.28	1226	110
2	6	1.14	2.03	25.12	1372	130
1	6	1.40	2.03	27.75	1786	150
1/0	6	1.40	2.03	30.00	2021	170
2/0	6	1.40	2.03	32.33	2474	195
3/0	4	1.40	2.03	35.59	3209	225
4/0	4	1.40	2.03	39.13	3729	260
250	4	1.65	2.03	41.51	4376	290
300	3	1.65	2.79	45.72	5050	320
350	3	1.65	2.79	49.12	6105	350
400	3	1.65	2.79	51.33	7169	380
500	2	1.65	2.79	55.63	8438	430

4 Cores, 600V, Rated 90°C

Conductor Size (AWG/kcmil)	Ground Wire Size (AWG)	Insulation Thickness (mm)	Jacket Thickness (mm)	Nom. O.D. (mm)	Approx Weight (kg/km)	Ampacity (amps)
10	10	0.76	1.52	15.33	401	40
8	10	1.14	1.52	18.65	582	55
6	8	1.14	2.03	22.59	885	75
4	8	1.14	2.03	24.13	1177	95
3	6	1.14	2.03	26.29	1523	110
2	6	1.14	2.03	27.76	1751	130
1	6	1.40	2.03	30.96	2187	150
1/0	6	1.40	2.03	33.27	2637	170
2/0	6	1.40	2.03	36.00	3200	195
3/0	4	1.40	2.03	39.01	3969	225
4/0	4	1.40	2.03	42.09	4827	260
250	4	1.65	2.79	47.78	5845	290
300	3	1.65	2.79	51.10	6903	320
350	3	1.65	2.79	53.82	7887	350
400	3	1.65	2.79	56.69	8933	380
500	2	1.65	2.79	61.62	10998	430