

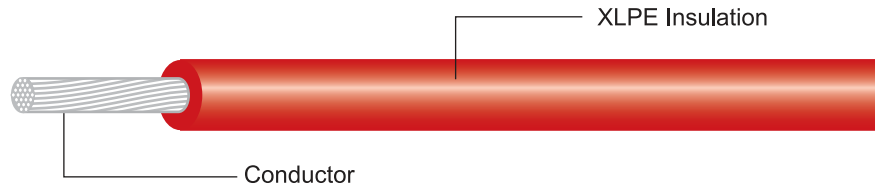
Application

Internal wiring of electrical, electronic and medical equipment and in appliances with the working high temperature

Product Description

- Standard** UL, CUL AWM I A
- Conductor** Solid , Strand and OS-1 either tinned or bare copper
- Rating** 105 °C 600V
- Flammability** UL VW-1, CUL FT1
- Insulation** Heat resistant XLPE which is cross-linked by electron beam machine and stable thermally
- Usage** Uniform thickness of wire to ensure easy stripping and cutting
Resistant to acids, oils, alkalines, moisyure and fungus which are excellent compared with normal PVC wire

Construction



UL Style CUL Type	Conductor		Insulation Thickness (mm)	Overall Diameter Approx (mm)	Standard Put-Up		Conductor Resistance at 20 °C (ohm/km)
	(AWG)	(No./mm)			(ft/coil)	(M/coil)	
UL 3386 AWM I A (Stranded)	30	7/0.102	0.76	1.85	2000	610	381.00
	28	7/0.127		1.90	2000	610	239.00
	26	7/0.160		2.05	2000	610	150.00
	24	11/0.160		2.20	2000	610	94.20
	22	17/0.160		2.40	2000	610	59.40
	20	21/0.180		2.55	2000	610	36.70
	18	34/0.180		2.80	2000	610	23.20
	16	26/0.253		3.10	2000	610	14.60
	14	41/0.253		3.50	1000	305	8.96
	12	65/0.253		3.90	1000	305	5.64
	10	105/0.253	5.10	1000	350	3.54	
	8	165/0.253	1.25	7.40	305	100	2.23
	6	266/0.253	1.55	8.90	305	100	1.40
4	240/0.253	10.50		305	100	0.88	
UL 3386 AWM I A (OS-1)	22	7/0.254	0.76	2.38	2000	610	59.40
	20	7/0.320		2.55	2000	610	36.70
	18	7/0.404		2.80	2000	610	23.20
UL 3386 AWM I A (Solid)	26	1/0.404	0.76	2.00	2000	610	143.00
	24	1/0.511		2.10	2000	610	89.30
	22	1/0.643		2.25	2000	610	56.40
	20	1/0.813		2.40	2000	610	35.20
	18	1/1.024		2.65	2000	610	22.20
	16	1/1.290		2.90	2000	610	14.00
	14	1/1.630		3.25	2000	610	8.78
	12	1/2.050		3.65	1000	305	5.53
	10	1/2.588		4.20	1000	305	3.47