



## 비닐 절연 전선 PVC Insulation Wire

### 제품의 용도

- 전기, 전자 기기의 제어용 내부배선용

### Application of Product

- Internal Wiring of electrical and electronic equipment

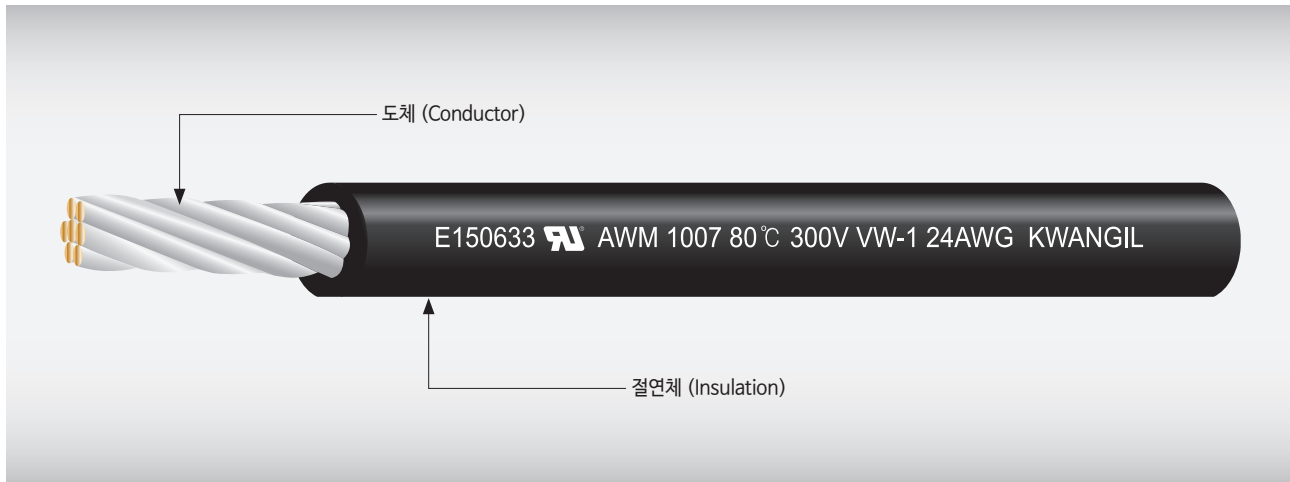
### 제품의 특성

- 정격 : 300V, 80°C
- 난연성 : VW-1, FT1 만족함
- 적용규격 : UL Subject 758, 1581
- 제품인증 : Underwriters Laboratories Inc. (R)

### Characteristics of Product

- Rating : 300V, 80°C
- Flammability : VW-1, FT1 Satisfaction
- Standard : UL Subject 758, 1581
- Certification : Underwriters Laboratories Inc.(R)

### 구조 및 구성 (Construction & Formation)



Type	Conductor			Insulation		Max. Conductor Resistance at 20°C (Ω/km)	Min. Insulation Resistance at 15.6°C (MΩ·km)	AC Withstand Voltage (V/min)	Ampacity (A)	Unit Length (m)
	AWG Size	Composition (No./mm)	Diameter (mm)	Thickness (mm)	Diameter (mm)					
Stranded	30	7/0.102	0.31	0.40	1.15	376.9	15	2,000	2.3	610
	28	7/0.127	0.38		1.25	237.3			3.0	
	26	7/0.160	0.48		1.35	148.9			4.0	
	24	11/0.16	0.61		1.45	93.2			5.3	
	22	17/0.16	0.76		1.60	55.0			7.2	
	20	21/0.18	0.95		1.80	34.6			9.4	
	18	34/0.18	1.21		2.00	21.8			12.5	
	16	26/0.26	1.53		2.40	13.7			15.9	
Solid	30	1/0.254	0.26	0.40	1.10	361.1	15	2,000	2.3	610
	28	1/0.320	0.32		1.15	227.3			3.0	
	26	1/0.404	0.40		1.20	142.7			4.0	
	24	1/0.511	0.51		1.35	89.3			5.3	
	22	1/0.643	0.64		1.45	54.3			7.2	
	20	1/0.813	0.81		1.65	33.9			9.4	
	18	1/1.024	1.02		1.85	21.4			12.5	
	16	1/1.290	1.29		2.10	13.5			15.9	

※비고 1) 도체인증범위 : UL 32~16AWG 2) 허용전류는 주변온도가 40°C일 경우의 참고값임