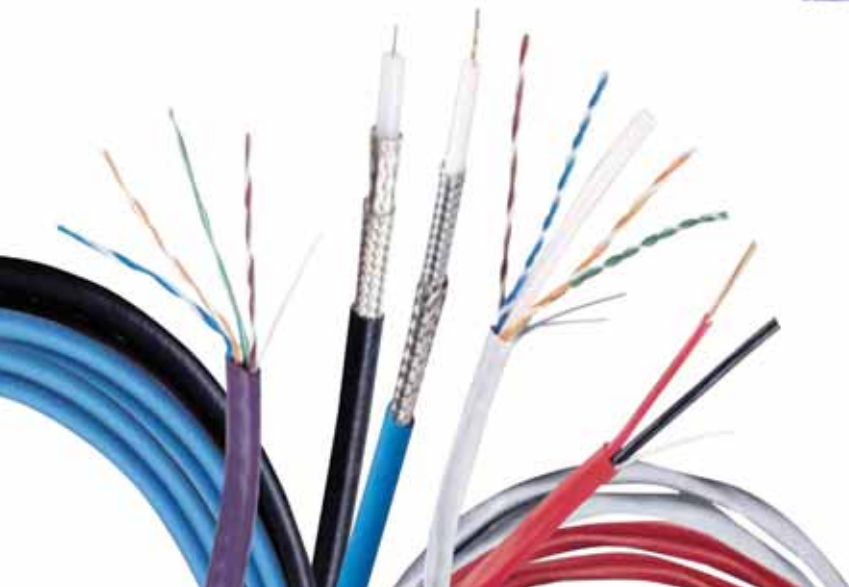


Muti-Conductor Signal Cable





케이블 산업의 미래는 고려엔티씨(주)가 설계한다

다양한 신기술로 케이블 산업을 선도하는
기업으로 성장해 나아가겠습니다.



국방용 Cable 분야



의료, 통신특수 Cable 분야



산업용 Cable 분야



회사연혁

- 2014. 07. 고려엔티씨(주) 법인설립
- 2015. 06 ISO 9001인증
- 2015. 06 나라장터, 조달청, 한전 및 발전사 입찰자격 등록
- 2015. 07 UL케이블 31종 인증
- 2015. 07 제조 공장등록
- 2015. 10 국방용 SONA Cable 개발완료 및 납품
- 2015. 11 기업부설연구소 설립
- 2016. 01 경기중소기업 개발지원사업 융합연구개발 과제
[고화질 화상 신호를 탑재할 수 있는 일회용 의료 내시경 특수튜브 개발]
- 2016. 02 을중보호계전기, 경보장치



신기술 개발 새로운 CABLE 향상으로 선진일류 국가 도약의 길

전선개발, 제조, 판매, 유통 뿐만아니라
국내외 모든 전기자재를 취급하고 있는 고려엔티씨(주)입니다.
고객용도에 맞는 철저한 Customizing과 사후관리하고 있으며
기존에 잘못 적용된 사양의 문제점과 해결책을 제시함으로써
보다 유익한 지식정보와 저렴한 가격,
신속한 납품으로 최선을 다하겠습니다.
홈페이지는 지속적으로 확장하고 있습니다.



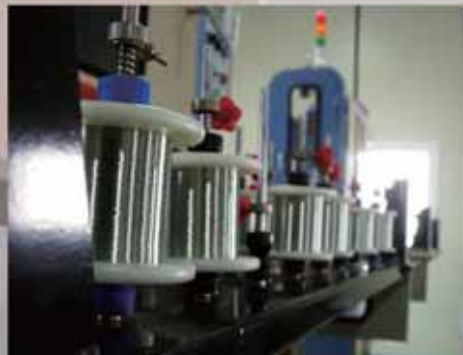
취급품목

- ★ 로봇용 케이블
- ★ 의료용케이블(내시경 등)
- ★ 드론케이블
- ★ 각종 우레탄 케이블
- ★ 특수제작 케이블(화상,기동용)

연구소

고려엔티씨(주)는 끊임없는 노력과
신기술 발굴 및 개발을 통해 신사업 모델을
발굴하는 사업화까지 추진 성장해가겠습니다.





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»»» Polyvinyl Chloride Insulated Wire

UL1007 CSA Type TR-64



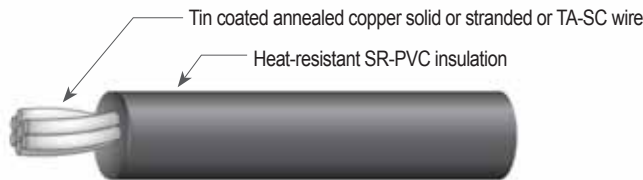
Applications

- Internal wiring of electrical and electronic equipment

Characteristics

- **Flammability** : VW-1 FT1 pass
- Hi-Wrap wire(TA-SC) conductor is easily terminated, thus suitable for soldering, wrapping, clamping and connecting
- **Rating Temp. & Volt** : UL 80°C, 300V

Construction & Specifications



E345521 UL AWM 1007 VW-1 80°C 300V ROHS LF KoryoNTC AWM A/B 80°C 300V FT1

Type	Conductor			Insulation		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Allowable current (Reference)	Unit length
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness	Nominal overall diameter					
		pcs/mm	mm	mm	mm	Ω/km	MΩ/km	VAC/min	A	m(Feet)
Stranded	30	7/0.102	0.31	0.40	1.15	361.00	15	2000	2.3	610 (20000)
	28	7/0.107	0.38	0.40	1.23	227.00			3.0	
	26	7/0.160	0.48	0.40	1.33	143.00			4.0	
	24	11/0.160	0.61	0.40	1.46	89.30			5.3	
	22	17/0.160	0.76	0.40	1.61	56.40			7.2	
	20	21/0.180	0.95	0.40	1.81	35.20			9.4	
	18	41/0.16	1.18	0.40	2.02	22.20			12.5	
	16	25/0.254	1.55	0.40	2.35	14.00			15.9	
Solid	30	1/0.254	0.26	0.40	1.10	361.13	15	2000	2.3	610 (20000)
	28	1/0.320	0.32	0.40	1.15	227.39			3.0	
	26	1/0.404	0.40	0.40	1.20	142.79			4.0	
	24	1/0.511	0.51	0.40	1.35	89.39			5.3	
	22	1/0.643	0.64	0.40	1.45	54.30			7.2	
	20	1/0.813	0.81	0.40	1.65	33.90			9.4	
	18	1/1.024	1.02	0.40	1.85	21.40			12.5	
	16	1/1.290	1.29	0.40	2.10	13.50			15.9	
TA-SC	28	7/0.127	0.38	0.40	1.25	222.33	15	2000	3.0	610 (20000)
	26	7/0.160	0.48	0.40	1.35	138.88			4.0	
	24	7/0.203	0.61	0.40	1.45	85.41			5.3	
	22	7/0.260	0.79	0.40	1.6	54.44			7.2	

»»» Polyvinyl Chloride Insulated Wire

UL1569 CSA Type TR-64



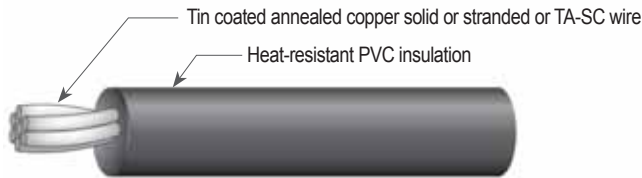
Applications

- Internal wiring of electrical and electronic equipment

Characteristics

- **Flammability** : VW-1 FT1 pass
- Hi-Wrap wire(TA-SC) conductor is easily terminated, thus suitable for soldering, wrapping, clamping and connecting
- **Rating Temp. & Volt** : UL 105°C, 300V

Construction & Specifications



E345521 UL AWM 1569 VW-1 105°C 300V ROH LF KoryoNTC AWM A/B 105°C 300V FT1

Type	Conductor		Insulation		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Allowable current (Reference)	Unit length	
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness						Nominal overall diameter
		pcs/mm	mm	mm	mm	Ω/km	MΩ/km	VAC/min	A	m(Feet)
Stranded	30	7/0.102	0.31	0.40	1.15	361.00	15	2000	2.3	610 (20000)
	28	7/0.107	0.38	0.40	1.23	227.00				
	26	7/0.160	0.48	0.40	1.33	143.00				
	24	11/0.160	0.61	0.40	1.46	89.30				
	22	17/0.160	0.76	0.40	1.61	56.40				
	20	21/0.180	0.95	0.40	1.81	35.20				
	18	41/0.16	1.18	0.40	2.02	22.20				
	16	25/0.254	1.55	0.40	2.35	14.00				
Solid	30	1/0.254	0.26	0.40	1.10	361.13	15	2000	2.3	610 (20000)
	28	1/0.320	0.32	0.40	1.15	227.39				
	26	1/0.404	0.40	0.40	1.20	142.79				
	24	1/0.511	0.51	0.40	1.35	89.39				
	22	1/0.643	0.64	0.40	1.45	54.30				
	20	1/0.813	0.81	0.40	1.65	33.90				
	18	1/1.024	1.02	0.40	1.85	21.40				
	16	1/1.290	1.29	0.40	2.10	13.50				
TA-SC	28	7/0.127	0.38	0.40	1.25	222.33	15	2000	3.0	610 (20000)
	26	7/0.160	0.48	0.40	1.35	138.88				
	24	7/0.203	0.61	0.40	1.45	85.41				
	22	7/0.260	0.79	0.40	1.6	54.44				

»»» Polyvinyl Chloride Insulated Wire

UL1015 CSA Type TEW



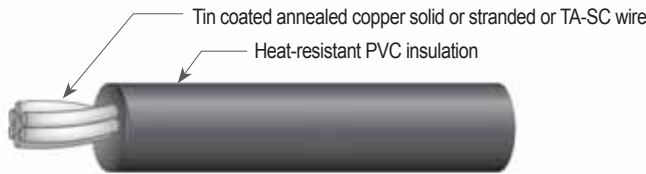
Applications

- Internal wiring of electrical and electronic equipment

Characteristics

- For both UL and CSA
- **Flammability** : VW-1 FT1 pass
- Hi-Wrap wire(TA-SC) conductor is easily terminated, thus suitable for soldering, wrapping, clamping and connecting
- **Rating Temp. & Volt** : UL 105°C, 600V

Construction & Specifications



E345521 UL AWM 1015 VW-1 105°C 600V ROH LF KoryoNTC AWM A/B 105°C 600V FT1

Type	Conductor			Insulation		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Allowable current (Reference)	Unit length
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness	Nominal overall diameter					
		pcs/mm	mm	mm	mm	Ω/km	MΩ/km	VAC/min	A	m(Feet)
Stranded	26	7/0.16	0.48	0.80	2.10	361.00	15	2,000	5.8	610 (2,000)
	24	11/0.16	0.61	0.80	2.25	227.00			7.6	
	22	17/0.16	0.76	0.80	2.38	143.00			10.0	
	20	21/0.18	0.95	0.80	2.63	89.30			13.1	
	18	41/0.16	1.18	0.80	2.82	56.40			17.2	
	16	26/0.254	1.49	0.80	3.15	35.20			22.8	
	14	41/0.254	1.92	0.80	3.52	8.78			30.4	
	12	65/0.254	2.42	0.80	4.03	5.53			40.6	
10	66/0.32	3.19	0.80	4.66	3.48	55.3	305 (1,000)			
Solid	26	1/0.404	0.40	0.80	2.00	142.79	15	2,000	5.8	610 (2,000)
	24	1/0.511	0.51	0.80	2.10	89.39			7.6	
	22	1/0.643	0.64	0.80	2.30	54.30			10.0	
	20	1/0.813	0.81	0.80	2.40	33.90			13.1	
	18	1/1.024	1.02	0.80	2.60	21.40			17.2	
	16	1/1.296	1.29	0.80	2.90	13.50			22.8	
	14	1/1.630	1.63	0.80	3.25	8.45			30.4	
	12	1/2.050	2.05	0.80	3.70	5.31			40.6	
10	1/2.588	2.60	0.80	4.20	3.34	55.3	305 (1,000)			
TA-SC	26	7/0.16	0.48	0.80	2.10	138.88	15	2,000	5.8	610 (2,000)
	24	7/0.203	0.61	0.80	2.20	85.41			7.6	
	22	7/0.026	0.79	0.80	2.35	54.44			10.0	

Special PVC- Insulated Wire

UL1061 CSA Type AWM



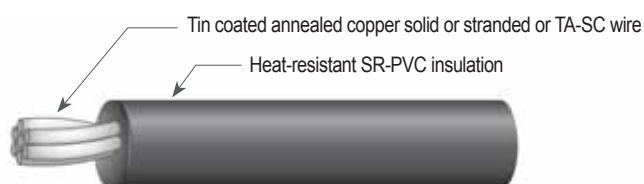
Applications

- Internal wiring of electrical and electronic equipment
- Wiring of small electrical and electronic equipment when space is a problem and not enough for wrapping

Characteristics

- For both UL and CSA
- **Flammability** : VW-1 FT1 pass
- Excellent abrasion and cut-through resistance
- Small outer diameter saves space
- **Rating Temp. & Volt** : UL 105°C, 300V

Construction & Specifications



E345521 UL AWM 1061 VW-1 105°C 300V ROHS LF KoryoNTC AWM A/B 105°C 300V FT1

Type	Conductor			Insulation		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Allowable current (Reference)	Unit length
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness	Nominal overall diameter					
		pcs/mm	mm	mm	mm	Ω/km	MΩ/km	VAC/min	A	m(Feet)
Stranded	30	7/0.102	0.31	0.25	0.80	361.00	15	2,000	2.0	1,220 (4,000)
	28	7/0.127	0.38	0.25	0.91	227.00			2.6	
	26	7/0.16	0.48	0.25	1.02	143.00			3.4	
	24	11/0.16	0.61	0.25	1.10	89.30			4.6	
	22	17/0.16	0.76	0.25	1.30	56.40			6.1	
	20	21/0.18	0.95	0.25	1.50	35.20			8.4	
	18	41/0.16	1.21	0.25	1.80	22.20			11.3	
	16	26/0.254	1.52	0.25	2.10	14.00			15.2	
Solid	30	1/0.254	0.26	0.25	0.75	361.13	15	2,000	2.0	1,220 (4,000)
	28	1/0.32	0.32	0.25	0.85	227.39			2.6	
	26	1/0.404	0.40	0.25	1.00	142.79			3.4	
	24	1/0.511	0.51	0.25	1.10	89.39			4.6	
	22	1/0.643	0.64	0.25	1.20	54.30			6.1	
	20	1/0.813	0.81	0.25	1.30	33.90			8.4	
	18	1/1.02	1.02	0.25	1.55	21.40			11.3	
	16	1/1.29	1.29	0.25	1.80	13.50			15.2	
TA-SC	28	7/0.127	0.38	0.25	0.90	222.33	15	2,000	2.6	1,220
	26	7/0.16	0.48	0.25	1.00	138.88			3.4	
	24	7/0.203	0.61	0.25	1.10	85.41			4.6	
	22	7/0.26	0.79	0.25	1.30	54.44			6.1	

»»» Polyvinyl Chloride Insulated Wire

UL1571 (SW)



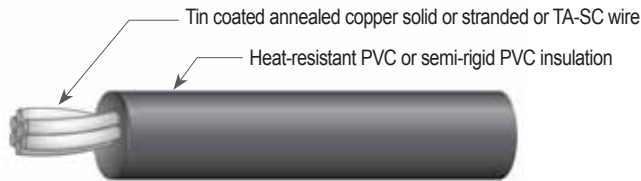
Applications

- Internal wiring of electrical and electronic equipment
- Internal wiring of micro-cassette tape recorder moving parts and pickups

Characteristics

- **Flammability** : VW-1 FT1 pass
- Small outer diameter saves space
- Excellent flexibility and easy wiring
- **Rating Temp. & Volt** : UL 80°C, 30V

Construction & Specifications



E345521 UL AWM 1571 VW-1 80°C 30V ROH LF KoryoNTC AWM A/B 80°C 30V FT1

Type	Conductor		Insulation		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Allowable current (Reference)	Unit length	
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness						Nominal overall diameter
		pcs/mm	mm	mm	mm	Ω/km	MΩ/km	VAC/min	A	m(Feet)
Stranded	30	7/0.102	0.31	0.25	0.80	361.00	15	500	2.3	1,220 (4,000)
	28	7/0.127	0.38	0.25	0.90	227.00			3.0	
	26	7/0.16	0.48	0.25	1.00	143.00			4.0	
	24	11/0.16	0.61	0.25	1.10	89.30			5.3	
	22	17/0.16	0.76	0.25	1.30	56.40			7.2	
Solid	30	1/0.254	0.26	0.25	0.75	361.13	15	500	9.4	1,220 (4,000)
	28	1/0.32	0.32	0.25	0.85	227.39			12.5	
	26	1/0.404	0.40	0.25	1.00	142.79			15.9	
	24	1/0.511	0.51	0.25	1.10	89.39			2.3	
	22	1/0.643	0.64	0.25	1.20	54.30			3.0	
TA-SC	28	7/0.127	0.38	0.25	0.90	222.00	15	500	4.0	1,220 (4,000)
	26	7/0.16	0.48	0.25	1.00	138.00			5.3	
	24	7/0.203	0.61	0.25	1.10	85.41			7.2	
	22	7/0.254	0.79	0.25	1.30	54.44			9.4	

»»» Polyvinyl Chloride Insulated Wire

UL1283,1284



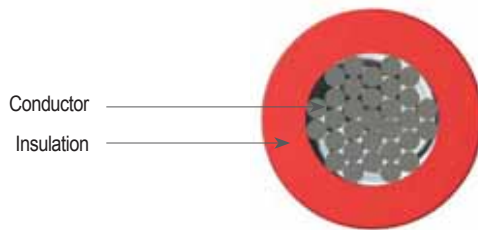
Applications

- Internal wiring of electrical and electronic equipment
- Wiring of small electrical and electronic equipment when space is a problem and not enough for wrapping

Characteristics

- For both UL and CSA
- **Flammability** : VW-1 FT1 pass
- Excellent abrasion and cut-through resistance
- Small outer diameter saves space
- **Rating Temp. & Volt** : UL 105°C, 600V

Construction & Specifications



E345521 UL AWM 1061 VW-1 105°C 600V ROHS LF KoryoNTC AWM A/B 105°C 600V FT1

Type	Conductor			Insulation		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Allowable current (Reference)	Unit length
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness	Nominal overall diameter					
		pcs/mm	mm							
1283 Stranded	8	7/24/0.254	4.41	1.65	7.71	2.37	15	3000	67.9	100
	6	7/38/0.254	5.55		8.85	1.49		4000	90.8	
	4	7/60/0.254	6.97		10.3	0.947		121		
	2	19/35/0.254	8.88		12.2	0.600		166		
1284 Stranded	1	19/44/0.254	9.95	2.15	14.3	0.475	15	5000	193	100
	1/0	19/55/0.254	11.10		15.4	0.380			221	
	2/0	19/70/0.254	12.60		16.9	0.299			275	
	3/0	19/88/0.254	14.10		18.4	0.238			303	
	4/0	39/57/0.254	15.90		20.2	0.188			353	

»»» Teflon(FEP) Insulated Wire

UL1330

Applications

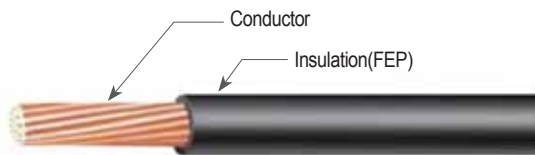
- Internal wiring of electrical and electronic equipments requiring heat resistance.
- Internal wiring of computer and business equipments requiring high transmission velocity.


Characteristics

- **Flame retardant** : UL VW-1
- Excellent heat, cold, oil and chemical resistance.
- Stable electric characteristics at high temperature and frequency and small dielectric constant and dielectric loss.
- **EU Directive RoHS**: Restricted use of Pb, Cd, Hg, Cr+6, PBBs, PBDEs
- **Rating Temp. & Volt** : UL 200°C, 600V



Construction & Specifications



E345521 ULAWM 1330 VW-1 200°C 600V ROH LF KoryoNTC  AWM A/B 200°C 600V FT1

Type	Conductor			Insulation		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Allowable current (Reference)	Unit length
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness	Nominal overall diameter					
		pcs/mm	mm							
Stranded	26	7/0.160	0.48	0.54	1.56	139.00	1,000	2000	7.20	305 (1,000)
	24	7/0.203	0.61		1.69	85.90			9.50	
	22	7/0.254	0.76		1.84	54.70			12.50	
	20	7/0.320	0.96		2.04	34.40			16.60	
	18	19/0.254	1.28		2.36	20.30			23.40	
	16	19/0.287	1.44		2.52	15.80			28.50	
	14	19/0.361	1.82		2.90	10.00			38.30	
Solid	26	1/0.404	0.40	0.54	1.48	145.00	1,000	2000	7.20	305 (1,000)
	24	1/0.511	0.51		1.59	89.10			9.50	
	22	1/0.643	0.64		1.72	56.30			12.50	
	20	1/0.813	0.81		1.89	35.00			16.60	
	1.4MM	1/1.4	1.40		2.54	12.10			28.50	
	1.2MM	1/1.2	1.20		2.34	15.90			23.40	
	1.0MM	1/1.0	1.00		2.14	23.80			16.60	

»»» Teflon(FEP) Insulated Wire

UL1331

// Applications

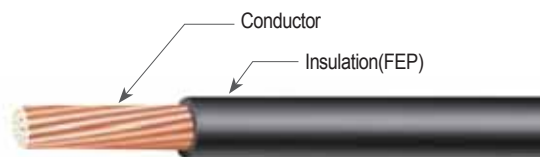
- Internal wiring of electrical and electronic equipments requiring heat resistance.
- Internal wiring of computer and business equipments requiring high transmission velocity.

// Characteristics

- **Flame retardant** : UL VW-1
- Excellent heat, cold, oil and chemical resistance.
- Stable electric characteristics at high temperature and frequency and small dielectric constant and dielectric loss.
- **EU Directive RoHS**: Restricted use of Pb, Cd, Hg, Cr+6, PBBs, PBDEs
- **Rating Temp. & Volt** : UL 150°C, 600V



// Construction & Specifications



E345521 ULAWM 1331 VW-1 150°C 600V ROH LF KoryoNTC  AWM A/B 150°C 600V FT1

Type	Conductor			Insulation		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Allowable current (Reference)	Unit length
	AWG Size	No&diameter of conductor	Nominal overalldiameter	Nominal thickness	Nominal overall diameter					
		pcs/mm	mm							
Stranded	26	7/0.160	0.48	0.54	1.56	139.00	1,000	2,000	6.30	305 (1,000)
	24	7/0.203	0.61		1.69					
	22	7/0.254	0.76		1.84					
	20	7/0.320	0.96		2.04					
	18	19/0.254	1.28		2.36					
	16	19/0.287	1.44		2.52					
	14	19/0.361	1.82		2.90					
Solid	26	1/0.404	0.40	0.54	1.48	145.00	1,000	2,000	6.30	305 (1,000)
	24	1/0.511	0.51		1.59					
	22	1/0.643	0.64		1.72					
	20	1/0.813	0.81		1.89					

»»» Teflon(FEP) Insulated Wire

UL1333

Applications

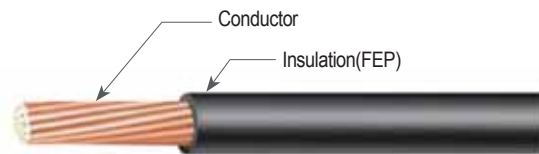
- Internal wiring of electrical and electronic equipments requiring heat resistance.
- Internal wiring of computer and business equipments requiring high transmission velocity.

Characteristics

- **Flame retardant** : UL VW-1
- Excellent heat, cold, oil and chemical resistance.
- Stable electric characteristics at high temperature and frequency and small dielectric constant and dielectric loss.
- Can be replaced by Silicon glass fiber braided wire(UL3068, SFF-1).
- **EU Directive RoHS**: Restricted use of Pb, Cd, Hg, Cr+6, PBDEs
- **Rating Temp. & Volt** : UL 150°C, 300V



Construction & Specifications



E345521 ULAWM 1333 VW-1 150°C 300V ROH LF KoryoNTC  AWM A/B 150°C 300V FT1

Type	Conductor		Insulation		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Allowable current (Reference)	Unit length	
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness						Nominal overall diameter
		pcs/mm	mm	mm	mm	Ω/km	MΩ/km	VAC/min	A	m(Feet)
Stranded	28	7/0.127	0.38	0.35	1.80	223.00	1,000	2,000	4.20	305 (1,000)
	26	7/0.160	0.48		1.18					
	24	7/0.203	0.61		1.31					
	22	7/0.254	0.76		1.46					
	20	7/0.320	0.96		1.66					
	18	19/0.254	1.28		1.98					
	16	19/0.287	1.44		2.14					
	14	19/0.361	1.82		2.52					
Solid	28	1/0.320	0.32	0.35	1.02	232.00	1,000	2,000	4.20	305 (1,000)
	26	1/0.404	0.40		1.10					
	24	1/0.511	0.51		1.21					
	22	1/0.643	0.64		1.34					
	20	1/0.813	0.81		1.51					
	1.4SQ	55/0.180	1.54		2.24					
	1.25SQ	50/0.180	1.47		2.17					
	0.75SQ	30/0.180	1.14		1.84					
	0.5SQ	20/0.180	0.93		1.63					
	0.3SQ	12/0.180	0.72		1.42					

»»» Teflon(PFA) Insulated Wire

UL1726

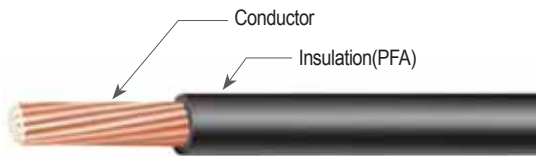
Applications

- Suitable for electric and electronic equipments requiring heat resistance.
- Internal wiring of computer and business equipments requiring high transmission velocity.

Characteristics

- **Flame retardant** : UL VW-1
- Excellent heat, cold, oil and chemical resistance.
- Stable electric characteristics at high temperature and frequency and small dielectric constant and dielectric loss.
- **EU Directive RoHS**: Restricted use of Pb, Cd, Hg, Cr+6, PBBs, PBDEs
- **Rating Temp. & Volt** : UL 250°C, 300V

Construction & Specifications



E345521 UL AWM 1726 VW-1 250°C 300V ROH LF KoryoNTC  AWM A/B 250°C 300V FT1

Type	Conductor			Insulation		Conductor maximum resistance DC 20°C Ω/km	Insulation minimum resistance DC 15.6°C MΩ/km	Dielectric withstanding voltage VAC/min	Unit length m(Feet)
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness	Nominal overall diameter				
		pcs/mm	mm						
Stranded	28	7/0.127	0.38	0.37	1.12	239.00	1,000	2,000	305 (1,000)
	26	7/0.160	0.48		1.22	139.00			
	24	7/0.203	0.61		1.35	85.90			
	22	7/0.254	0.76		1.50	54.70			
	20	7/0.320	0.96		1.70	34.40			
	18	19/0.254	1.21		2.01	20.30			
	16	19/0.287	1.44		2.18	15.80			
14	19/0.361	1.82	2.55	10.00					
Solid	28	1/0.320	0.32	0.37	1.06	232.00	1,000	2,000	305 (1,000)
	26	1/0.404	0.40		1.14	145.00			
	24	1/0.511	0.51		1.25	89.10			
	22	1/0.643	0.64		1.38	56.30			
	20	1/0.813	0.81		1.55	35.00			

»»» Teflon(FEP) Insulated Wire

UL1727

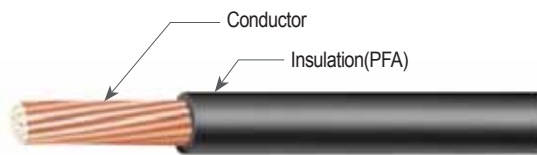
Applications

- Suitable for electric and electronic equipments requiring heat resistance.
- Internal wiring of computer and business equipments requiring high transmission velocity.

Characteristics

- **Flame retardant** : UL VW-1
- Excellent heat, cold, oil and chemical resistance.
- Stable electric characteristics at high temperature and frequency and small dielectric constant and dielectric loss.
- **EU Directive RoHS**: Restricted use of Pb, Cd, Hg, Cr+6, PBBs, PBDEs
- **Rating Temp. & Volt** : UL 250°C, 600V

Construction & Specifications



E345521 UL AWM 1727 VW-1 250°C 600V ROHS LF KoryoNTC  AWM A/B 250°C 600V FT1

Type	Conductor			Insulation		Conductor maximum resistance DC 20°C Ω/km	Dielectric withstanding voltage VAC/min	Unit length m(Feet)
	AWG Size	No&diameter of conductor	Nominal overall diameter	Nominal thickness mm	Nominal overall diameter mm			
		pcs/mm	mm					
Stranded	26	1/0.404	0.4	0.55	1.51	2,000	145	305 (1,000)
		7/0.16	0.48		1.58		139	
	24	1/0.511	0.51		1.61		89.1	
		7/0.203	0.61		1.71		85.9	
	22	1/0.643	0.64		1.74		56.3	
		7/0.254	0.78		1.88		54.7	
20	1/0.813	0.81	1.91	35				
	7/0.32	0.96	2.06	34.4				
	Solid	18	19/0.254	1.21	0.55	2.4	2,000	20.3
16		19/0.287	1.3	2.54	15.8			
14		19/0.361	1.44	2.91	10			
12		37/0.32	1.81	3.34	6.59			

»»» Semi-Rigid PVC Insulated, Shielded, and PVC

UL1533 CSA WM



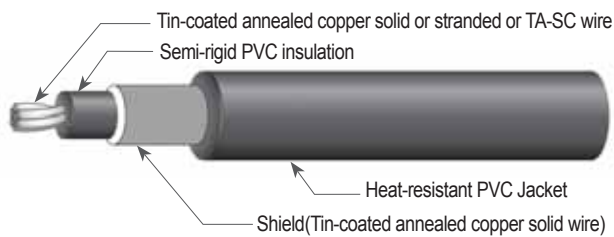
Applications

- Internal wiring of small electronic and electricak equipment

Characterctics

- For both UL and CSA
- **Flammability** : VW-1, FT1 pass
- Small cuter diameter saves space
- Excellent mechanical strength and cut-through resistance
- **Rating Temp. & Volt** : UL 80°C, 300V

Construction & Specifications



E345521 UL AWM 1533 VW-1 80°C 300V ROH LF KoryoNTC AWM A/B 80°C 300V FT1

Type	Conductor		Insulation		Braid shield		Jacket		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Unit length	
	AWG Size	No& diameter of conductor	Nominal overall diameter	Nominal thickness	Nominal overall diameter	No.& diameter of conductor	Nominal overall diameter	Nominal thickness					Nominal overall diameter
		pcs/mm	mm	mm	mm	No./mm	mm	mm	mm	Ω/km	MΩ/km	VAC/min	m(Feet)
Stranded	28	7/0.127	0.38	0.25	0.90	0.12	1.14	0.35	1.80	237.38	15	2,000	610 (2,000)
	26	7/0.160	0.48	0.25	1.00	0.12	1.24	0.35	1.90	148.94			
	24	11/0.160	0.61	0.25	1.10	0.12	1.34	0.35	2.00	93.25			
	22	17/0.160	0.76	0.25	1.30	0.12	1.54	0.35	2.20	55.00			
	20	21/0.180	0.94	0.25	1.50	0.12	1.74	0.35	2.40	34.50			
Solid	28	1/0.320	0.32	0.25	0.85	0.12	1.09	0.35	1.80	227.39	15	2,000	610 (2,000)
	26	1/0.404	0.40	0.25	0.90	0.12	1.14	0.35	1.90	142.79			
	24	1/0.511	0.51	0.25	1.00	0.12	1.24	0.35	2.00	89.39			
	22	1/0.643	0.64	0.25	1.15	0.12	1.39	0.35	2.10	54.30			
	20	1/0.813	0.81	0.25	1.35	0.12	1.59	0.35	2.30	33.90			

»»» Semi-Rigid PVC Insulated, Shielded, and PVC

UL 2547 CSA AWM



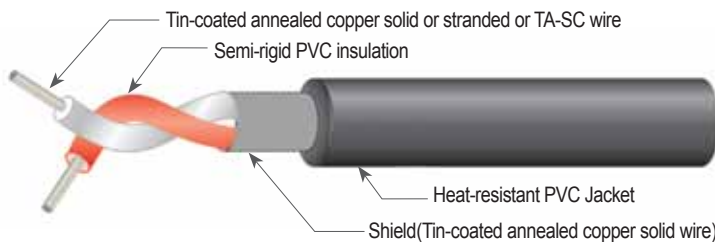
Applications

- Internal wiring of small electronic and electricak equipment
- Internal wiring of Audio and Video equipment

Charactertics

- For both UL and CSA
- **Flammability** : VW-1, FT1 pass
- Small cuter diameter saves space
- Excellent mechanical strength and cut-through resistance
- **Rating Temp. & Volt** : UL 80°C, 300V

Construction & Specifications



E345521 UL AWM 2547 VW-1 80°C 300V ROH LF KoryoNTC AWM A/B 80°C 300V FT1

No. of Core	Type	Conductor		Insulation		Insulation of stranded diameter	Shield		Jacket		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Unit length	
		AWG Size	No& diameter of conductor	Nominal overall diameter	Nominal thickness		Nominal overall diameter	Diameter		Diameter					
								wire of diameter	Nominal overall diameter	Nominal thickness					Nominal overall diameter
pcs/mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Ω/km	MΩ/km	VAC/min	m(Feet)		
2	Standed	28	7/0.127	0.38	0.25	0.90	1.08	0.12	2.04	0.33	2.75	237.38	15	2,000	610 (2,000)
		26	7/0.160	0.48	0.25	1.00	2.00	0.12	2.24	0.33	2.85	148.94			
		24	11/0.160	0.61	0.25	1.10	2.20	1.12	2.44	1.33	3.10	93.25			
		22	17/0.160	0.76	0.25	1.30	2.60	0.13	2.84	0.34	3.50	55.00			
		20	21/0.180	0.94	0.25	1.50	3.00	2.12	3.24	2.33	3.90	34.50			
2	Solid	28	1/0.320	0.32	0.25	0.85	1.17	0.14	1.94	0.35	2.60	227.39	15	2,000	610 (2,000)
		26	1/0.404	0.40	0.25	0.90	1.80	3.12	2.04	3.33	2.70	142.79			
		24	1/0.511	0.51	0.25	1.00	2.00	0.15	2.24	0.36	2.90	89.39			
		22	1/0.643	0.64	0.25	1.15	2.30	4.12	2.54	4.33	3.20	54.30			
		20	1/0.813	0.81	0.26	1.30	2.60	0.16	2.84	0.37	3.50	33.90			
2	Stranded	30	7/0.102	0.31	0.25	0.08	1.73	5.12	1.97	5.33	2.65	377	15	2,000	610 (2,000)
		28	7/0.127	0.38	0.25	0.90	1.94	0.17	2.18	0.38	2.90	227.25			
		26	7/0.160	0.48	0.25	1.00	2.16	6.12	2.40	6.33	3.10	148.94			
		24	11/0.160	0.61	0.25	1.10	2.37	0.18	2.61	0.39	3.30	93.25			
		22	17/0.160	0.76	0.27	1.30	2.80	7.12	3.04	7.33	3.70	55.00			
		20	21/0.180	0.94	0.25	1.50	3.23	0.19	3.47	0.40	4.15	34.50			

»»» PVC Insulated, Shielded and PVC Jacketed Wire

UL1185 CSA TR-64(SW, SB)



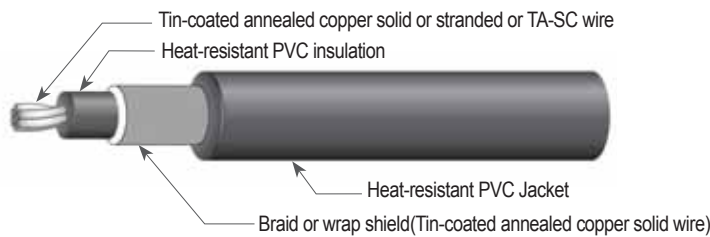
Applications

- Internal wiring of small electronic and electricak equipment

Characterctics

- For both UL and CSA
- **Flammability** : VW-1, FT1 pass
- Hi-Wrap wire(TA-SC) conductor is easily terminated, thus suatable for soldering, wrapping and clamping and connecting
- **Rating Temp. & Volt** : UL 80°C, 300V

Construction & Specifications



E345521 UL AWM 1185 VW-1 80°C 300V ROH LF KoryoNTC AWM A/B 80°C 300V FT1

Type	Conductor			Insulation		Shield			Jacket			Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Dielectric withstanding voltage	Unit length
	AWG Size	No & diameter of conductor	Nominal overall diameter	Nominal thickness	Nominal overall diameter	wire of diameter	Diameter		Nominal thickness	Diameter					
							Wrap Shield	Braid Shield		Wrap Shield	Braid Shield				
pcs/mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Ω/km	MΩ/km	VAC/min	m(Feet)	
Stranded	26	7/0.16	0.48	0.40	1.30	0.12	1.54	2.02	0.42	2.40	2.85	148.94	15	2,000	610 (2,000)
	24	11/0.16	0.61	0.40	1.45	0.12	1.69	2.17	0.42	2.50	3.05	93.25			
	22	17/0.16	0.76	0.40	1.60	0.12	1.84	2.27	0.42	2.75	3.15	55.00			
	20	21/0.18	0.95	0.40	1.80	0.12	2.04	2.47	0.42	2.90	3.35	34.60			
	18	34/0.18	1.21	0.40	2.00	0.12	2.24	2.67	0.42	3.00	3.55	21.80			
	16	26/0.26	1.53	0.40	2.30	0.12	2.59	3.07	0.42	3.30	3.95	13.70			
Solid	26	1/0.404	0.40	0.40	1.25	0.12	1.49	1.97	0.42	2.35	2.80	142.79	15	2,000	610 (2,000)
	24	1/0.511	0.51	0.40	1.35	0.12	1.59	2.07	0.42	2.50	2.90	89.39			
	22	1/0.643	0.64	0.40	1.50	0.12	1.74	2.17	0.42	2.65	3.00	54.30			
	20	1/0.813	0.81	0.40	1.60	0.12	1.89	2.37	0.42	2.85	3.20	33.90			
	18	1/1.024	1.02	0.40	1.90	0.12	2.14	2.57	0.42	2.95	3.40	21.40			
	16	1/1.29	1.29	0.40	2.20	0.12	2.44	2.87	0.42	3.20	3.70	13.50			
TA-SC	26	7/0.16	0.48	0.40	1.30	0.12	1.54	2.02	0.42	2.40	2.85	138.88	15	2,000	610 (2,000)
	24	7/0.203	0.61	0.40	1.45	0.12	1.69	2.17	0.42	2.50	3.05	85.41			
	22	7/0.26	0.79	0.40	1.60	0.12	1.84	2.27	0.42	2.75	3.15	54.44			

》》》 PVC Jacketed Cable

UL 2464 CSA TR-64/ (RS-485Type)-Pair Type



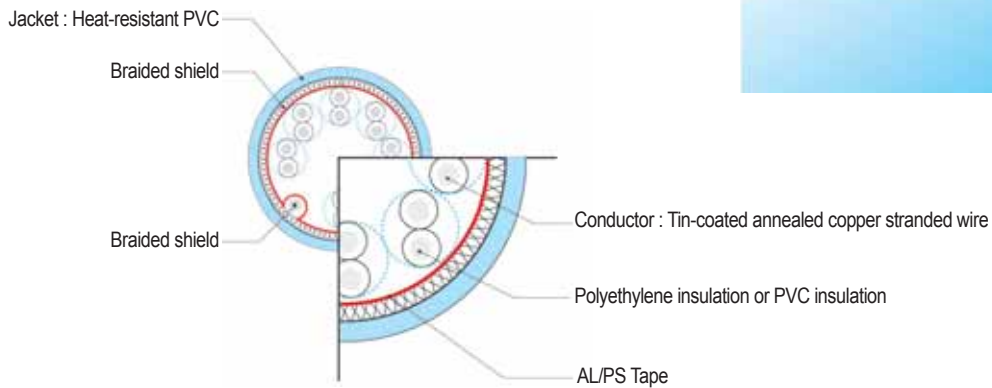
// Applications

- Computer, O.A. terminal, VTR, X-Ray equipment

// Characteristics

- For both UL and CSA
 - **Flammability** : UL VW-1, CSA FT1 pass Rating
 - **Temp. & Volt** : UL 80°C, 300V

// Construction & Specifications



E345521 UL AWM 2464 VW-1 80°C 300V ROH LF KoryoNTC AWM A/B 80°C 300V FT1

Insulation Type	Conductor			Insulation		Braid shield			Jacket		Unit length m(Feet)
	AWG Size	Number of core	No& diameter of conductor	Material	Nominal thickness mm	Material of tape	Braid coverage of percent %	Drain wire material	Material	Nominal thickness mm	
		mm	pcs/mm								
TR-64	28	2~50	7/0.127	Heat-resistant PVC	0.40	AL/PS Tape	min.80	Tin-Coated copper stranded wire	Heat-resistant PVC	1.0 ~ 2.03	300 (1,000)
	26	2~50	7/0.160								
	24	2~50	11/0.160								
	22	2~50	17/0.160								
	20	2~50	21/0.180								
AWM	28	2~50	7/0.127	Semi-rigid PVC	0.40	AL/PS Tape	min.80	Tin-Coated copper stranded wire	Heat-resistant PVC	1.0 ~ 2.03	300 (1,000)
	26	2~50	7/0.160								
	24	2~50	11/0.160								
	22	2~50	17/0.160								
	20	2~50	21/0.180								
18	2~50	41/0.160									

》》》》 PVC Jacketed Cable

UL 2464 CSA TR-64/ (RS-422Type)-Core Type



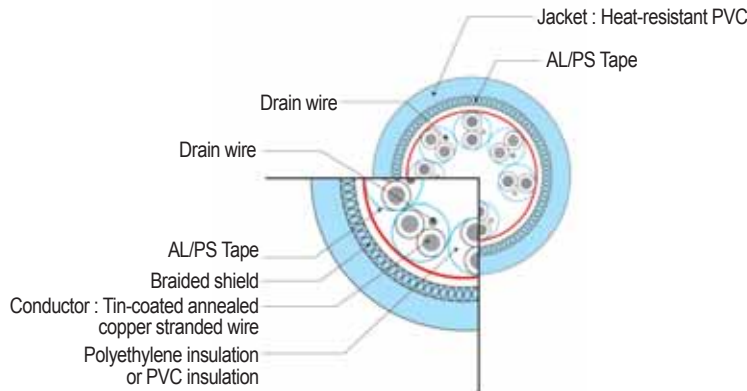
// Applications

- Computer, O.A. terminal, VTR, X-Ray equipment

// Characteristics

- For both UL and CSA
- **Flammability** : UL VW-1, CSA FT1 pass
- **Temp. & Volt** : UL 80°C, 300V

// Construction & Specifications



E345521 UL AWM 2464 VW-1 80°C 300V ROH LF KoryoNTC AWM A/B 80°C 300V FT1

Insulation Type	Conductor			Insulation		Braid shield			Jacket		Unit length m(Feet)
	AWG Size	Number of core	No& diameter of conductor	Material	Nominal thickness mm	Material of tape	Braid coverage of percent	Drain wire material	Material	Nominal thickness mm	
		mm	pcs/mm				%				
TR-64	28	2~50	7/0.127	Heat-resistant PVC	0.42	AL/PS Tape	min.80	Tin-Coated copper stranded wire	Heat-resistant PVC	1.0 ~ 2.03	300 (1,000)
	26	2~50	7/0.160								
	24	2~50	11/0.160								
	22	2~50	17/0.160								
	20	2~50	21/0.180								
	18	2~50	41/0.160								
AWM	28	2~50	7/0.127	Semi-rigid PVC	0.25	AL/PS Tape	min.80	Tin-Coated copper stranded wire	Heat-resistant PVC	1.0 ~ 2.03	300 (1,000)
	26	2~50	7/0.160								
	24	2~50	11/0.160								
	22	2~50	17/0.160								
	20	2~50	21/0.180								
	18	2~50	41/0.180								

»»» PVC Jacketed Cable

UL 2517



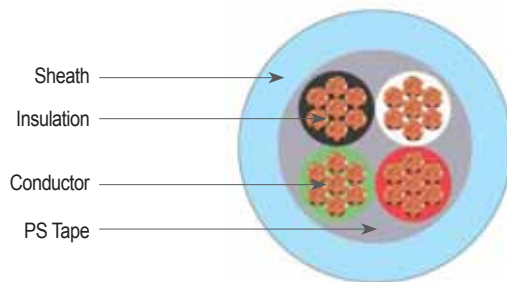
Applications

- Computer, O.A. terminal, VTR, X-Ray equipment

Characteristics

- For both UL and CSA
 - **Flammability** : UL VW-1, CSA FT1 pass Rating
 - **Rating Temp. & Volt** : UL 105°C, 300V

Construction & Specifications



E345521 UL AWM 2517 VW-1 105°C 300V ROH LF KoryoNTC AWM A/B 105°C 300V FT1

No of Pair	Conductor		Insulation		Shield		Sheath	
	AWG Size	Material	Nominal thickness mm	Material of tape	Braid of percent %	Braid shield wire mm	Material	Nominal thickness mm
2	AWG 26 (7/0.16) ~ AWG 16 (26/0.254)	PVC	0.42	PS Tape	-	0.12	PVC	0.76 ~ 2.03
3								
4								
5								
6								
8								
10								
12								
15								
20								

»»»» PVC Jacketed Cable

UL 2095



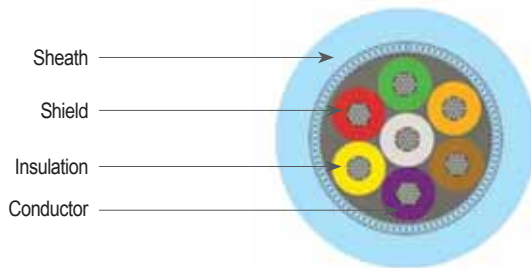
Applications

- Computer, O.A. terminal, VTR, X-Ray equipment

Characteristics

- For both UL and CSA
- **Flammability** : UL VW-1, CSA FT1 pass Rating
- **Rating Temp. & Volt** : UL 80°C, 300V

Construction & Specifications



E345521 UL AWM 2095 VW-1 80°C 300V ROH LF KoryoNTC .UL. AWM A/B 80°C 300V FT1

Type	Conductor			Insulation			Shield				Sheath	
	AWG Size	Number of core	Nominal overall diameter	Material	Nominal thickness	Nominal overall diameter	Covering		Shield		Material	Nominal thickness
							Material of tape	Nominal thickness	Material of shield wire	shield wire		
	PCS/mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
2C~50C Core Type	28	7/0.127	0.38	Extruded PVC	0.42	1.22	AL/PS Tape	0.025	Tin-Coated copper stranded wire	0.12	Extruded PVC	0.38 ~ 1.52
	26	7/0.160	0.48			1.32						
	24	11/0.160	0.61			1.45						
	22	17/0.160	0.76			1.60						
	20	21/0.180	0.95			1.79						
	18	41/0.160	1.18			2.02						
	16	34/0.180	1.21			2.05						
1P~25P Pair Type	28	7/0.127	0.38	Semi-rigid PVC	0.25	0.88	AL/PS Tape	0.025	Tin-Coated copper stranded wire	0.12	Extruded PVC	0.38 ~ 1.52
	26	7/0.16	0.48			0.98						
	24	11/0.16	0.61			1.11						
	22	17/0.16	0.76			1.26						
	20	21/0.18	0.95			1.45						
	18	41/0.16	1.18			1.68						
	16	34/0.18	1.21			1.71						
	26/0.26	1.49	1.99									

»»»» PVC Jacketed Cable

UL 20949



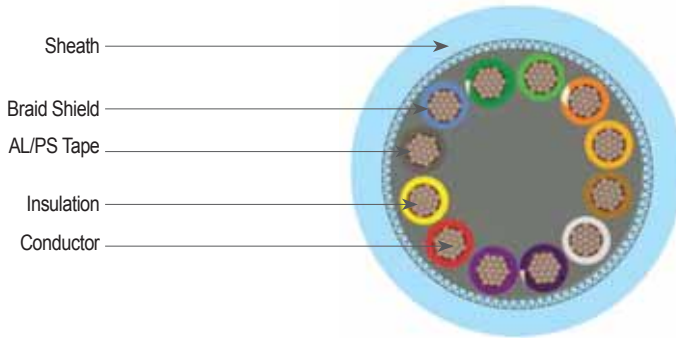
Applications

- Computer, O.A. terminal, VTR, X-Ray equipment

Characteristics

- For both UL and CSA
- **Flammability** : UL VW-1, CSA FT1 pass Rating
- **Rating Temp. & Volt** : UL 105°C, 600V

Construction & Specifications



E345521 UL AWM 20949 VW-1 105°C 600V ROH LF KoryoNTC AWM A/B 105°C 600V FT1

Type	Conductor			Insulation			Shield			Sheath		
	AWG Size	Number of core	Nominal overall diameter	Material	Nominal thickness	Nominal overall diameter	Covering	Shield			Material	Nominal thickness
								Material of tape	Braid coverage of percent	shield wire		
	PCS/mm	mm		mm	mm		%	mm		mm	mm	
2C~10C UL1015 Type	22	17/0.160	0.76	PVC	0.76	2.28	AL/PS Tape	min.70	0.12	Tin-coated copper stranded wire	PVC	1.0 ~ 1.40
	20	21/0.180	0.95			2.47						
	18	41/0.160	1.18			2.70						
	16	34/0.180	1.21			2.73						
	16	26/0.254	1.49			3.01						
	14	41/0.254	1.88			3.40						
	12	65/0.254	2.42			3.94						
10	105/0.254	3.03	4.55									

Electronic Cable

UL 2725 (Mixed Type)



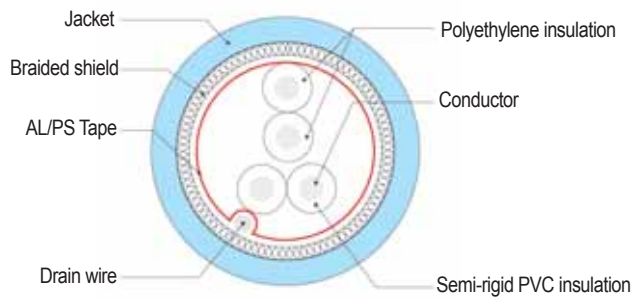
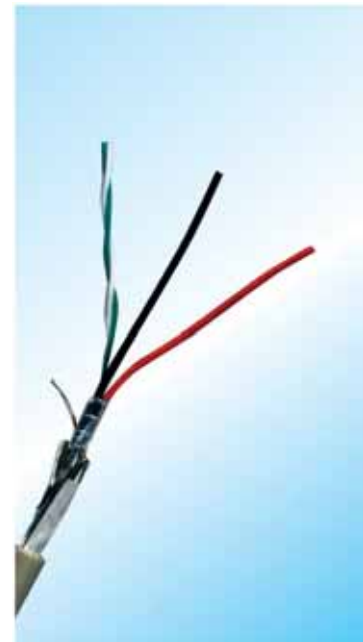
Applications

- Internal wiring of electronic equipment in class 2 systems only
- USB & IEEE-1394 cable

Characteristics

- For both UL and CU
- **Flammability** : UL VW-1 pass
- **Rating Temp. & Volt** : UL 80°C, 30V

Construction & Specifications



E345521 UL AWM 2725 VW-1 80°C 300V ROH LF KoryoNTC AWM A/B 80°C 300V FT1

Pair of Core	Conductor		Insulation		Shield		Jacket		Unit length m(Feet)
	AWG Size	Material	Nominal thickness mm	Material of tape	Braid coverage of percent %	Drain wire material	Material	Nominal thickness mm	
2Core & 2Core	28AWG(2core) 28AWG(2core)	Polypropylene Semi-rigid PVC	0.25	AL/PS Tape	min.70	Tin-coated annealed copper stranded wire	Heat- resistant PVC	0.3 ~ 1.0	300 (1,000)
2Core & 2Core	28AWG(2core) 26AWG(2core)	Polypropylene Semi-rigid PVC	0.25						
2Core & 2Core	28AWG(2core) 24AWG(2core)	Polypropylene Semi-rigid PVC	0.25						
2Core & 2Core	28AWG(2core) 22AWG(2core)	Polypropylene Semi-rigid PVC	0.25						
2Core & 2Core	28AWG(2core) 20AWG(2core)	Polypropylene Semi-rigid PVC	0.25						

SR-PVC Insulated

UL 2835(AMES)



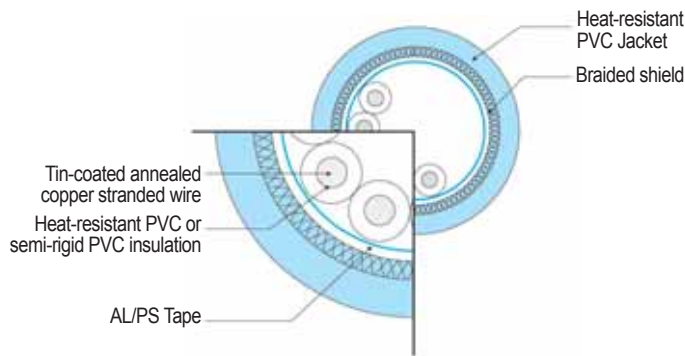
Applications

- External interconnection in class 2 circuits of electronic

Characteristics

- **Flammability** : UL VW-1, FT1 pass
- Small outer diameter saves space
- Excellent flexibility and easy wiring
- **Rating Temp. & Volt** : UL 80°C, 30V

Construction & Specifications



E345521 UL AWM 2835 VW-1 80°C 30V ROH LF KoryoNTC AWM A/B 80°C 30V FT1

Insulation Type	Conductor			Insulation		Braid shield			Jacket		Unit length m(Feet)
	AWG Size	Number of core	No& diameter of conductor	Material	Nominal thickness mm	Material of tape	Braid coverage of percent	Drain wire material	Material	Nominal thickness mm	
		PCS	PCS/mm				%				
TR-64	28	2~50	7/0.127	Heat-resistant PVC	0.40	AL/PS Tape	mim.80	Tin-coated copper stranded wire	Heat-resistant PVC	1.0	300 (1,000)
	26	2~50	7/0.16								
	24	2~50	11/0.16								
	22	2~50	17/0.16								
	20	2~50	21/0.18								
AWM	18	2~50	34/0.18	Semi-rigid PVC	0.40	AL/PS Tape	mim.80	Tin-coated copper stranded wire	Heat-resistant PVC	1.0	300 (1,000)
	28	2~50	7/0.127								
	26	2~50	7/0.16								
	24	2~50	11/0.16								
	22	2~50	17/0.16								

»»» Low Voltage Computer Cable

UL 2919 (EIA RS-422 Type)



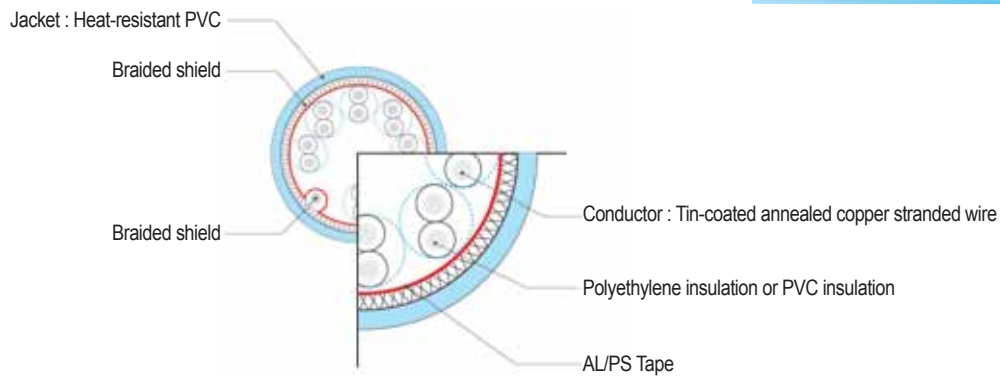
Applications

- Remote control cord for VTR, TV, Stereo receiver, etc
- Cord connecting VTR Camera with viewfinder
- Cord connecting Audio equipment with Video equipment

Characteristics

- For both UL and CUL
- **Flammability** : UL VW-1
- **Rating Temp. & Volt** : UL 80°C, 30V

Construction & Specifications



E345521 UL AWM 2919 VW-1 80°C 30V ROH LF KoryoNTC .UL. AWM A/B 80°C 30V FT1

Pair of Core	Conductor	Insulation		Shield			Jaket		Unit length m(Feet)
	AWG Size	Material	Nominal thickness mm	Material of tape	Braid of percent %	Drain wire material mm	Material	Nominal thickness mm	
2	24 AWG (11/0.16TA) ~ 22 AWG (17/0.16TA)	PVC or PE	0.42	AL/PS Tape	min.80	Tin-coated copper wire	Heat- resistant PVC	1.0	300 (1,000)
3									
4									
5									
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»»» Low Voltage Computer Cable

UL 2919 (EIA RS-485 Type)



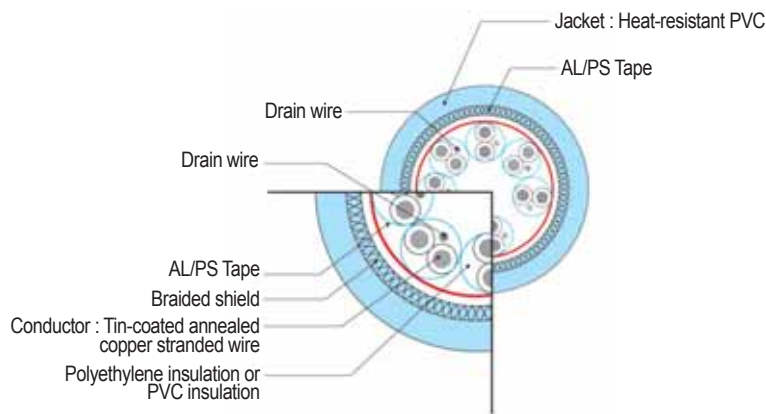
Applications

- Remote control cord for VTR, TV, Stereo receiver, etc
- Cord connecting VTR Camera with viewfinder
- Cord connecting Audio equipment with Video equipment

Characteristics

- For both UL and CUL
- **Flammability** : UL VW-1
- **Rating Temp. & Volt** : UL 80°C, 30V

Construction & Specifications

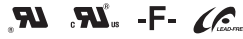


E345521 UL AWM 2919 VW-1 80°C 30V ROH LF KoryoNTC AWM A/B 80°C 30V FT1

Pair of Core	Conductor		Insulation		Shield		Jaket		Unit length m(Feet)
	AWG Size	Material	Nominal thickness mm	Material of tape	Braid of percent %	Drain wire material mm	Material	Nominal thickness mm	
1 2 3 4	24 AWG ~ 22 AWG	PVC or PE	0.55	AL/PS Tape	min.80	Tin-coated copper stranded wire	Heat- resistant PVC	1.0	300 (1,000)

»»» Low Voltage Computer Cable

UL 2969 (AMESB)



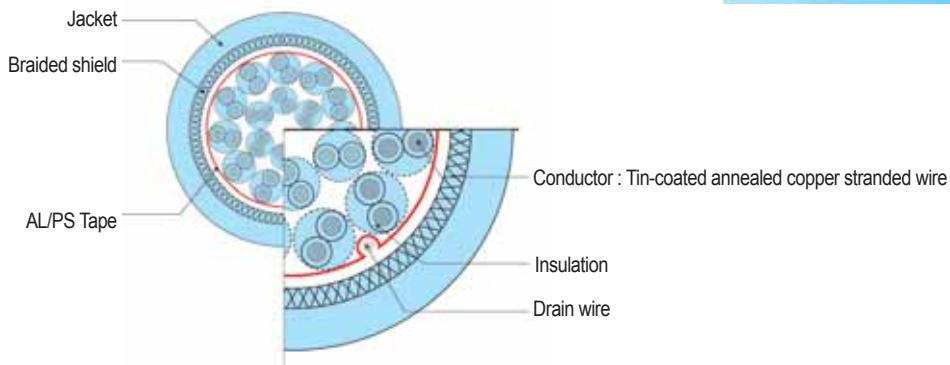
Applications

- Remote control cord for VTR, TV, Stereo receiver, etc
- Cord connecting VTR Camera with viewfinder
- Cord connecting Audio equipment with Video equipment

Characteristics

- For both UL and CUL
- **Flammability** : UL VW-1
- **Rating Temp. & Volt** : UL 80°C, 30V

Construction & Specifications



E345521 UL AWM 2969 VW-1 80°C 30V ROH LF KoryoNTC AWM A/B 80°C 30V FT1

Pair of Core	Conductor		Insulation		Shield		Jaket		Conductor maximum resistance DC 20°C	Insulation minimum resistance DC 15.6°C	Unit length
	AWG Size	Material	Nominal thickness mm	Material of tape	Braid of percent %	Drain wire material mm	Material	Nominal thickness mm			
5 6 7 9 11 15 18 21 23 25 30	30 AWG (7/0.102TA) ~ 24 AWG (11/0.16TA)	Semi-rigid PVC or Heat-resistant PVC	0.18	AL/PS Tape	min.80	Tin-coated copper stranded wire	Heat-resistant PVC	1.0	5	500	300 (1,000)

»»» Low Voltage Computer Cable

UL 2990 (Mixed Type)



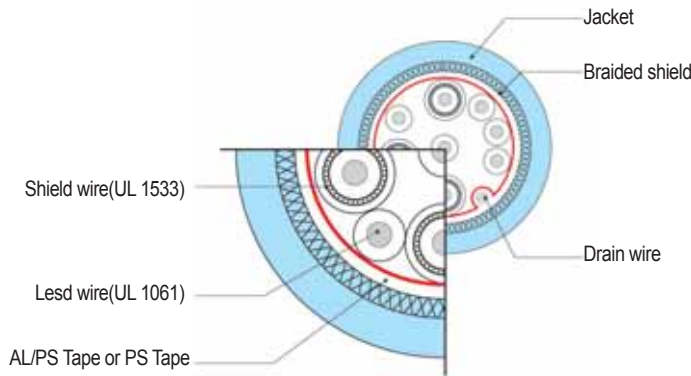
Applications

- Internal wiring of electrical and electronic equipment

Characteristics

- For both UL and CUL
- **Flammability** : UL VW-1
- **Rating Temp. & Volt** : UL 80°C, 30V

Construction & Specifications



E345521 UL AWM 2990 VW-1 80°C 30V ROH LF KoryoNTC AWM A/B 80°C 30V FT1

Style No of Cores	Conductor			Insulation			Inner Jacket		Assembly	AL/PS tape thickness	Drain wire	Braid Shield		Outer Jacket		Unit length
	AWG Size	No & diameter of conductor	Nominal overall diameter	Material	Nominal thickness	Wrap shield diameter	Material	Nominal thickness				Braid shield diameter	Shield coverage of percent	Material	Nominal thickness	
		pcs/mm	mm													
UL Style 1533 X3C	28	7/0.127	0.38	Semi-rigid PVC	0.25	0.12TA	Heat-resistant PVC	0.33	9C	0.025	7/0.16TA	0.12TA	min.80	Heat-resistant PVC	1.0	300 (1,000)
UL Style 1061 X3C	26	7/0.16	0.48	Semi-rigid PVC	0.25	-	-	-								

Electronic Cable

UL 20276 (TDX-10 Switching Cable)



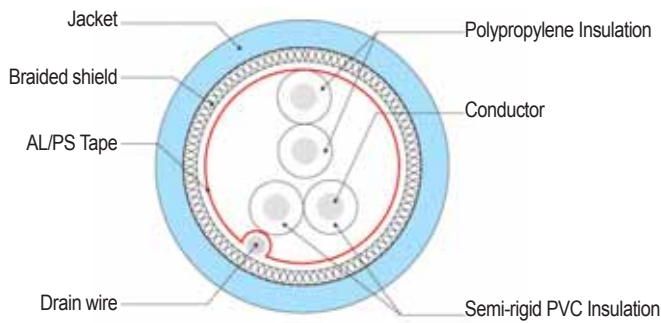
Applications

- Internal and external wiring of electrical and electronic equipment
- Telephone network cable(TDX-10A switch)

Characteristics

- For both UL and CUL
- **Flammability** : UL VW-1 pass
- **Rating Temp. & Volt** : UL 80°C, 30V

Construction & Specifications



E345521 UL AWM 20276 VW-1 80°C 30V ROH LF KoryoNTC AWM A/B 80°C 30V FT1

Pair of Core	Conductor		Insulation		Shield		Jaket		Unit length m(Feet)
	AWG Size	Material	Nominal thickness mm	Material of tape	Braid of percent %	Drain wire material	Material	Nominal thickness mm	
5 7 8 9 10 11 12 15 18 21 25	30-22 AWG (Solid or stranded)	Polypropylene or Semi-rigid PVC	0.10-0.25	AL/PS Tape	min.80	Tin-coated annealed copper stranded wire	PVC	1.0	300 (1,000)

»»» PCS System Cable

UL 20379 (TDX-10A Switching Cable)



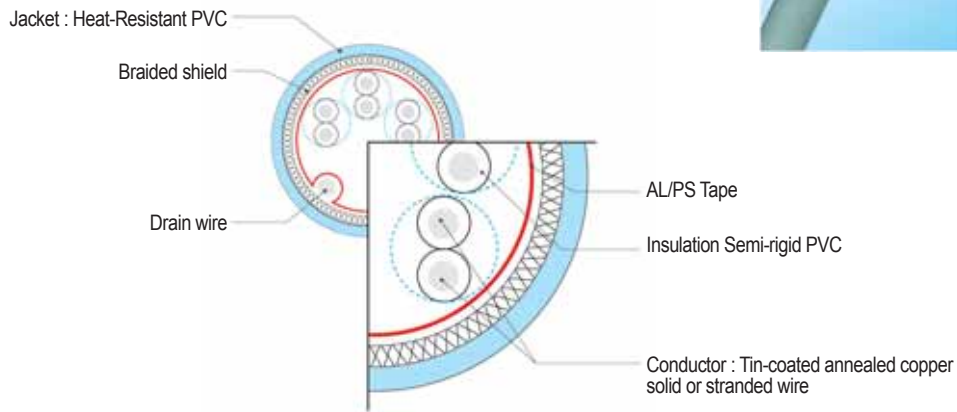
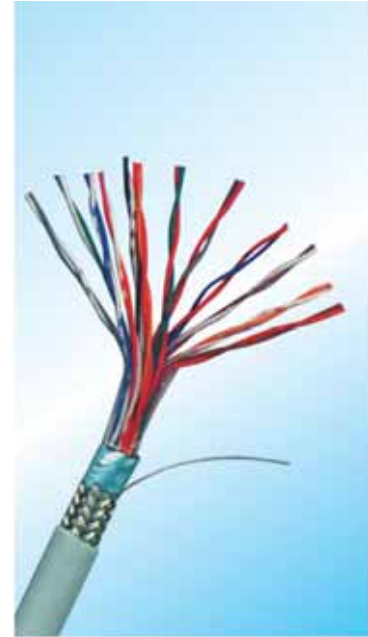
Applications

- Internal and external wiring of electronic and small electrical equipment
- Telephone network cable(TDX-10A switch)

Characteristics

- For both UL and CUL
- **Flammability** : UL VW-1 pass
- **Rating Temp. & Volt** : UL 80°C, 30V

Construction & Specifications



E345521 UL AWM 20379 VW-1 80°C 30V ROH LF KoryoNTC AWM A/B 80°C 30V FT1

Pair of Core	Conductor		Insulation		Shield		Jaket		Unit length m(Feet)
	AWG Size	Material	Nominal thickness mm	Material of tape	Braid of percent %	Drain wire material	Material	Nominal thickness mm	
4 5 8 10 12 16 18 20 21 25	30~24 AWG (Solid or stranded)	PVC or PP	0.10	AL/PS Tape	min.80	Tin-coated annealed copper solid or stranded wire	Heat-resistant PVC	0.70	300 (1,000)

고려엔티씨(주)가
연구소를 통해 새로운 문을
열겠습니다.



모든 생산 설비의 차별화와 생산환경의 고급화를 기본적으로 갖추고 있으며,
자체적으로 특수전선의 연구개발 및 설계개발하여 고품질은 기본사항이며
고객에게 최고의 만족함을 드리고저 노력하고 있습니다.



극세선을 이용한 의료용 화상 Multi Tefron Cable

의료용 초극세 동축케이블은 제작이 까다롭고 정밀한 기술이
필요해 세계에서 몇 안되는 회사만이 공급하고 있습니다.
또한 세계 어느 업체에도 뒤지지 않는 뛰어난 품질과 성능을
자랑하고 있습니다.



3D 영상 화상용 Multi Tefron Cable

3D 영상 화상용 케이블은 더 생생한 영상을 전달하고
케이블의 중심으로부터 극세선 편조 (0.17mm, 0.03mm, 0.05mm)
은도금선을 이용하여 노이즈로부터 완벽한 보호를 할 것입니다.



테프론 케이블 Tefron Cable

절연전선은 내열선 및 내한선이 탁월하고 주파수, 전자파 차폐,
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Koryo NTC Co., Ltd.

본사/공장

경기도 안성시 죽산면 용설로 607-52
T.031)673-1220 F.031)673-1221

Head Office & Factory

607-52, Yongseol-ro, Juksan-myeon,
Anseong-si, Gyeonggi-do, Korea
T. +82-31-673-1220
F. +82-31-673-1221