



Single core cables

Internal wiring or interconnection of equipment (see individual AWM style for limitations)

AWM style	Rating		Core				Finished cable				
	Voltage	Size	Conductor	Insulation		Shield	Sheath				
				Min Avg. T	Material		Material	Inner Ø	Min Avg. T		
+60°C	V AC	Min	Max	Material	Material	mm	Material	Material	mm	mm	intended use
UL 10057	300	40	-	CU TPC	Any	-	Optional	TPU	< 10.8 < 17.8 < 25.4	0.76 1.14 1.52	External inter-connection or internal wiring of electrical equipment
+90°C	V AC	Min	Max	Material	Material	mm	Material	Material	mm	mm	intended use
UL 1753	VNS	40	-	-	Any	-	Optional	ETFE	-	0.33	Internal wiring
UL 10231	30	50	22	-	ETFE FEP PFA	0.04	Optional	ETFE FEP PFA	-	0.03	Internal wiring or as insulated single in jacketed multi-conductor cables
UL 1754	125	40	-	-	Any	-	Optional	ETFE	-	0.33	Internal wiring of electrical equipment
+105°C	V AC	Min	Max	Material	Material	mm	Material	Material	mm	mm	intended use
UL 1751	125	40	-	-	Any	-	Optional	ETFE	-	0.33	Internal wiring of electrical equipment
UL 1755	300	40	-	-	Any	-	Optional	ETFE	-	0.33	Internal wiring of electrical equipment
+150°C	V AC	Min	Max	Material	Material	mm	Material	Material	mm	mm	intended use
Style 1419	VNS	30	16	CU SPC	FEP	0.54	Optional	FEP PTFE	-	0.20	In electronic equipment
UL 1666	300	-	-	-	Any	-	Optional	FEP	-	0.51	Internal wiring of appliances or electrical equipment. Tag may also indicate: "600V peak - For electronic use only"
UL 1999		36	10	CU TPC	Any	0.46	Optional	FEP	-	0.25	Internal wiring of electrical equipment
UL 1667	600	-	-	-	Any	-	Optional	FEP	-	0.51	Internal wiring of appliances or electrical equipment. Tag may also indicate: "2500V peak - For electronic use only"
UL 1880		36	16	CU TPC	Any	-	Optional	ETFE	-	0.38	Internal wiring
UL 1881		36	16	CU TPC	Any	-	Optional	ETFE	-	0.25	Internal wiring of electrical equipment
+200°C	V AC	Min	Max	Material	Material	mm	Material	Material	mm	mm	intended use
UL 1668	300	-	-	-	Any	-	Optional	FEP	-	0.51	Internal wiring of appliances or electrical equipment. Tag may also indicate: "600V peak - For electronic use only"
UL 1669	600	-	-	-	Any	-	Optional	FEP	-	0.51	Internal wiring of appliances or electrical equipment. Tag may also indicate: "2500V peak - For electronic use only"
+250°C	V AC	Min	Max	Material	Material	mm	Material	Material	mm	mm	intended use
UL 20223	150	-	-	-	Any	-	Optional	PFA	< 10.8 < 17.8 < 38.1 < 63.5	0.25 0.38 0.51 0.76	Internal wiring. Tag may also indicate: "300V peak - For electronic use only"
UL 1884	300	-	-	-	Any	0.20	Optional	PFA	-	0.25	Internal wiring of appliances or electrical equipment
UL 1885	600	-	-	-	Any	0.23	Optional	PFA	-	0.38	Internal wiring of electrical equipment

Characteristics and key properties				
	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Up to +250°C High temp
Certified to UL 758				Down to -65°C Low temp

Data indicates nominal values in millimetres (mm) unless otherwise stated.
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