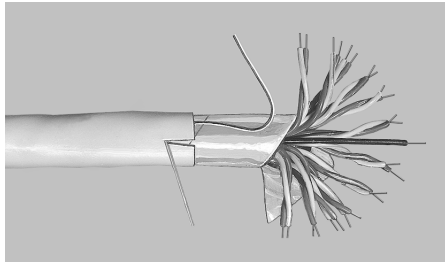


SERV-RITE Wire and Cable

Multi-Pair Cable

**PVC Insulated
Multi-Pair 300 V UL® Listed
PLTC Extension Cable
SERIES 900 UL® and 900**



SERIES 900 UL® is our family of multi-pair cables for UL® PLTC applications. Standard SERIES 900 UL® cables of different pair counts in most calibrations can be shipped quickly.

SERIES 900 UL® and 900 cable starts by insulating conductors with 105°C (220°F) PVC. For identification, one conductor of each pair is numbered and twisted with its counterpart. These “twisted pairs” are cabled with an additional insulated copper wire for communication use. The entire cable is wrapped with clear polyester tape to minimize the chance of short circuits to the cable’s shield. An aluminized polyester tape shield is then spirally applied. A copper drain wire and heavy ripcord are longitudinally applied under the final jacket of color coded PVC.

Wire Specifications

No. of Pairs	AWG	Nominal Conductor Size in. (mm)	Nominal Insulation Thickness		Nominal Overall Size in. (mm)	Approximate Shipping Weight	
			Conductor in. (mm)	Overall in. (mm)		lbs/1000 ft	(kg/km)
2	20	0.032 (0.813)	0.015 (0.381)	0.050 (1.27)	0.290 (7.37)	72	(107.3)
4	20	0.032 (0.813)	0.015 (0.381)	0.050 (1.27)	0.350 (8.89)	94	(140.1)
6	20	0.032 (0.813)	0.015 (0.381)	0.050 (1.27)	0.405 (10.29)	116	(172.8)
8	20	0.032 (0.813)	0.015 (0.381)	0.050 (1.27)	0.440 (11.18)	140	(208.6)
10	20	0.032 (0.813)	0.015 (0.381)	0.050 (1.27)	0.490 (12.45)	164	(244.4)
12	20	0.032 (0.813)	0.015 (0.381)	0.060 (1.52)	0.535 (13.59)	188	(280.1)
16	20	0.032 (0.813)	0.015 (0.381)	0.060 (1.52)	0.610 (15.49)	240	(357.6)
20	20	0.032 (0.813)	0.015 (0.381)	0.060 (1.52)	0.650 (16.51)	292	(435.1)
24	20	0.032 (0.813)	0.015 (0.381)	0.060 (1.52)	0.710 (18.03)	344	(512.6)

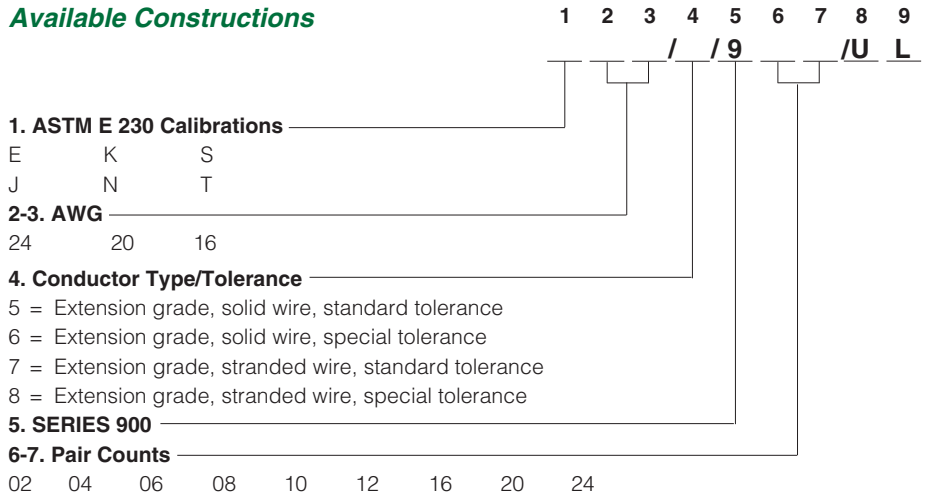
Popular Constructions

Grade	AWG	Wire Type	Limits of Error	Type K	Type J	Type T
Extension (4 pr)	20	Solid	Standard	K20-5-904	J20-5-904	T20-5-904
Extension (8 pr)	20	Solid	Standard	K20-5-908	J20-5-908	T20-5-908
Extension (4 pr)	24	Solid	Standard	K24-5-904	J24-5-904	T24-5-904
Extension (8 pr)	24	Solid	Standard	K24-5-908	J24-5-908	T24-5-908

Popular Constructions UL® Listed

Grade	AWG	Wire Type	Limits of Error	Type K	Type J	Type T
Extension (4 pr)	20	Solid	Standard	K20-5-904-UL®	J20-5-904-UL®	T20-5-904-UL®
Extension (8 pr)	20	Solid	Standard	K20-5-908-UL®	J20-5-908-UL®	T20-5-908-UL®
Extension (4 pr)	24	Solid	Standard	K24-5-904-UL®	J24-5-904-UL®	T24-5-904-UL®
Extension (8 pr)	24	Solid	Standard	K24-5-908-UL®	J24-5-908-UL®	T24-5-908-UL®

Available Constructions



Note: Minimum order sizes apply for non-stock constructions.

Performance Capabilities

- Continuous temperature rating 105°C (220°F)

Continuous Use Temp.	Single Use Temp.
105°C (220°F)	105°C (220°F)

Resistance Properties		
Moisture	Chemical	Abrasion
Excellent	Good	Good

- Flexible PVC plastic insulation
- Multipair cable with overall shield
- Available in UL® listed 300V PLTC design also
- Available with optional metallic overbraid for additional abrasion resistance

Applications

- General use extension wire