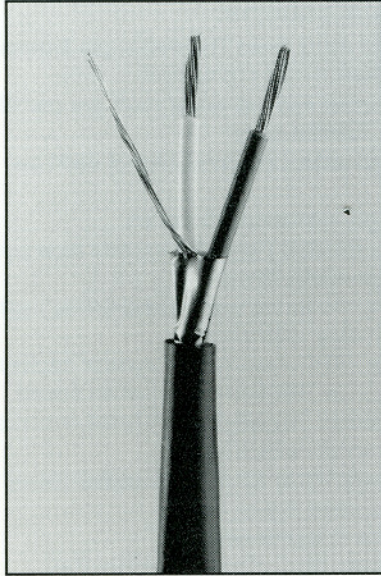


# Single-Pair & Triad Electronic Instrument Wire



## UL PLTC 300 VOLT

PVC Insulation & Jacket  
Overall Shield

### Cable Specifications:

**Conductors:** 7-strand Copper Wire

**Single Insulation:** 15 mils 105°C PVC

**Construction:** Twisted pair/Triad

**Twist:** Lay is approximately 2.5 inches

**Color Code:** Black and White (Triad: Black, White, Red)

**Overall Shield:** .002" aluminized polyester backed tape overlapped to provide 100% coverage when flexed

**Overall Drain Wire:** Stranded uninsulated tinned copper in continuous contact with shield

**Jacket Insulation:** 90°C Flame retardant PVC

### Features:

- UL Listed under Subject 13
- Passes IEEE 383 70,000 BTU 1 hour flame test
- Non-propagating
- Excellent moisture, chemical & abrasion resistance

## Shielded Electronic Instrument Wire

Order Code	Conductor Size AWG	Number of Conductors	Nominal Outer Jacket Thickness	Nominal O.D. (Inches)	Minimum Bending Radius (Inches)	Maximum Pulling Tension (lbs.)	Net Wt (lbs./1000 ft)
Cu-20S-PAP	20	2	.020*	.180	1	21	18
Cu-18S-PAP	18	2	.020*	.200	1 1/4	34	25
Cu-16S-PAP	16	2	.020*	.230	1 1/2	54	34
Cu-20S-UPAP	20	2	.035	.210	1 1/4	21	24
Cu-18S-UPAP	18	2	.035	.230	1 1/2	34	30
Cu-16S-UPAP	16	2	.035	.270	1 3/4	54	42
Cu-3c-20S-PAP	20	3	.020*	.190	1 1/4	29	23
Cu-3c-18S-PAP	18	3	.020*	.215	1 1/2	47	32
Cu-3c-16S-PAP	16	3	.020*	.245	1 5/8	75	45
Cu-3c-20S-UPAP	20	3	.035	.235	1 1/2	29	32
Cu-3c-18S-UPAP	18	3	.035	.245	1 5/8	47	39
Cu-3c-16S-UPAP	16	3	.035	.280	1 7/8	75	53

\*Note: Products with 20 mil jacket are not U.L. Listed