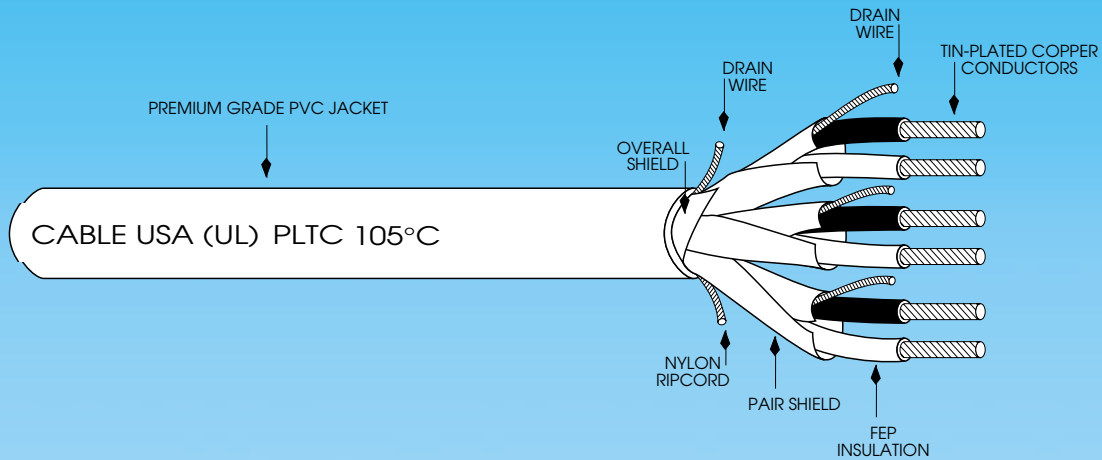




## FEPV

### INDIVIDUALLY SHIELDED PAIRS OVERALL SHIELD PLTC



#### STANDARDS:

Class 2 power limited circuits as per NEC Article 725.  
Constructed in accord with the standard for power limited circuit cable, UL 13.  
UL listed.

#### Benefits

- Individually shielded pairs with an overall shield.
- Flame-retardant premium grade PVC jacket, chemically inert FEP insulation.
- Jacket is oil and sunlight resistant.
- Strong mechanical properties.
- 4 pair and larger constructions may also contain a 22 AWG orange communications wire for signaling during installation and servicing.

#### Product Features

- Multi-pair cable with shielded pair and overall shield.
- Class I division 2 rated.

#### COMPONENTS:

- Conductors:** Tin-plated copper as per ASTM B-33. Other options available upon request.
- Insulation:** Extruded FEP (200° C).
- Cable Core:** Conductor components are cabled with suitable fillers to make round and a binder tape.
- Shield:** Each pair is individually shielded with a drain wire. Shielding material is polyester backed with aluminum which provided 100% shield coverage. The shield overlaps to assure continual coverage during flexing applications. Overall shield is polyester backed with aluminum with a drain wire.
- Jacket:** Flame retardant PVC which meets UL VW-1 Flame Test.
- Interlocked Armor:** (Optional) **Cableclad** Zinc coated galvanized steel or aluminum strip turned and "interlocked" with the preceding turn. Tensile strength not more than 70,000 PSI when tested in compliance with ASTM E-8.
- Outer Jacket:** (Optional) Flame retardant polyvinyl chloride passes UL VW-1 Vertical Wire Flame Test.

#### OPTIONS:

- Flame retardant PVC passes UL VW-1 Vertical Wire Flame Test.
- Cable clad armor, zinc coated galvanized steel, or aluminum strip turned and "interlocked."



## FEPV

INDIVIDUALLY SHIELDED PAIRS  
OVERALL SHIELD PLTC

## 300V

**FEP/INDIVIDUALLY SHIELDED/OVERALL SHIELD/POLYVINYL  
CHLORIDE (PVC) JACKET**

**#12-20 AWG 105°C 300V**

### 20AWG 7/28 (.50MM<sup>2</sup>)

Cable USA P/N	Number of Pairs	Nominal O.D.		Approx. Wt.	
		Inches	MM	LBS/MFT	KG/KM
192004F3.IS	2	.255	6.48	42	62
192008F3.IS	4	.301	7.65	74	110
192016F3.IS	8	.374	9.50	128	190
192024F3.IS	12	.457	11.61	190	283
192032F3.IS	16	.509	12.93	243	362
192040F3.IS	20	.529	13.44	294	437
192048F3.IS	24	.597	15.16	349	519
192072F3.IS	36	.695	17.65	514	765

### 18 AWG 7/26 (.75MM<sup>2</sup>)

191804F3.IS	2	.330	8.38	65	97
191808F3.IS	4	.379	9.63	107	159
191816F3.IS	8	.497	12.62	199	296
191824F3.IS	12	.581	14.76	283	421
191832F3.IS	16	.671	17.04	378	562
191840F3.IS	20	.699	17.75	457	680
191848F3.IS	24	.790	20.07	544	809
191872F3.IS	36	.915	23.24	800	1190

(UL) Type PLTC — 300V NEC Article 725.

Above pairings are standard. Alternative number of pairs available upon request.