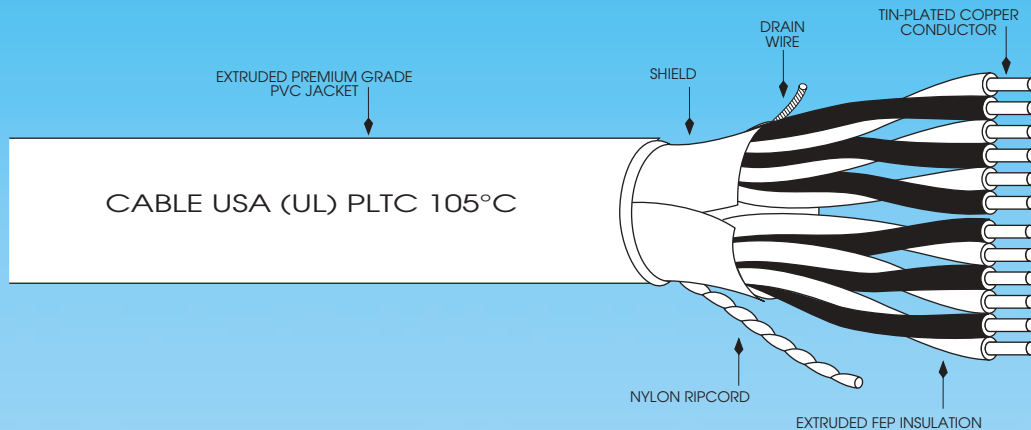




FEPV SHIELDED PAIR INSTRUMENTATION CABLE PLTC

300V



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

- 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 instrumentation cable with FEP insulation and overall shield.
- 105° C temperature rated.
- Extruded premium grade PVC jacket.
- Nylon ripcord applied under jacket for ease of jacket removal.
- Class I division 2 rated.

COMPONENTS:

- Conductors:** Stranded tin-plated copper per ASTM B-33. Other options available upon request.
- Insulation:** Extruded FEP (200°C).
- Cable Core:** Conductor components are cabled together with suitable fillers to make round and a binder tape.
- Shield:** Overall polyester backed aluminum with drain wire. The shield overlaps to assure continual coverage during flexing.

OPTIONS:

- **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 Flame Test.



105°C

High Temperature Custom Engineered Cables



FEPV SHIELDED PAIR INSTRUMENTATION CABLE PLTC

300V

FEP/OVERALL SHIELD/PREMIUM GRADE POLYVINYL CHLORIDE (PVC) JACKET

#12-20 AWG 105°C 300V

20AWG 7/28 (.34 MM²)

Cable USA P/N	Number of Pairs	Nominal O.D.		Approx. Wt.	
		Inches	MM	LBS/MFT	KG/KM
192004F3	2	.248	6.30	35	52
192008F3	4	.293	7.44	62	92
192016F3	8	.363	9.22	104	155
192024F3	12	.443	11.25	154	229
192032F3	16	.493	12.52	196	292
192040F3	20	.513	13.03	234	348
192048F3	24	.578	14.68	278	414
192072F3	36	.673	17.09	408	607

18 AWG 7/26 (.75MM²)

191804F3	2	.316	8.03	55	82
191808F3	4	.362	9.19	87	129
191816F3	8	.475	12.07	161	239
191824F3	12	.544	14.07	226	336
191832F3	16	.640	16.25	301	448
191840F3	20	.667	16.94	362	539
191848F3	24	.752	19.10	429	638
191872F3	36	.851	21.62	613	912

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

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

Cable USA, Inc.

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