



Product Specification

Specification No.

14004

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TYPE: Polyvinyl Chloride Insulated
Polyvinyl Chloride Jacketed
Automotive Cable With Type GPT Singles
105°C, 300 Volt

SIZE: 16 AWG - 23 Conductors

I. SCOPE:

This specification covers the construction requirements for a low tension automotive multi-conductor cable.

The construction consists of stranded annealed copper conductors insulated with Polyvinyl Chloride, twisted and jacketed with Polyvinyl Chloride overall.

II. CONSTRUCTION DATA:

SIZE (AWG)	NO. OF CONDS.	STRANDING	INSULATION WALL	OVERALL JACKET	
				WALL	DIAMETER
16	23	19/.0117"	.023"	.060"	.730"

- A. **CONDUCTORS:** Stranded uncoated annealed copper per ASTM B-3.
- B. **INSULATION:** Colored 105°C rated Polyvinyl Chloride meeting the requirements of SAE J1128 for Type GPT Single Conductor Wires.
- C. **COLOR CODE:** See Section III.
- D. **CABLE ASSEMBLY:** The insulated conductors are twisted together with suitable fillers as necessary. A 2 mil polyester tape shall be helically applied over the twisted assembly with a 15% nominal overlap.
- E. **JACKET:** 105°C Black Polyvinyl Chloride.

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III. COLOR CODE:

CONDUCTOR NUMBER	INS. COLOR	1ST (WIDE) TRACER	2ND (NARROW) TRACER
1	Black	----	----
2	White	----	----
3	Red	----	----
4	Green	----	----
5	Orange	----	----
6	Blue	----	----
7	White	Black	----
8	Red	Black	----
9	Green	Black	----
10	Orange	Black	----
11	Blue	Black	----
12	Black	White	----
13	Red	White	----
14	Green	White	----
15	Blue	White	----
16	Black	Red	----
17	White	Red	----
18	Orange	Red	----
19	Blue	Red	----
20	Red	Green	----
21	Orange	Green	----
22	Black	White	Red
23	White	Black	Red

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