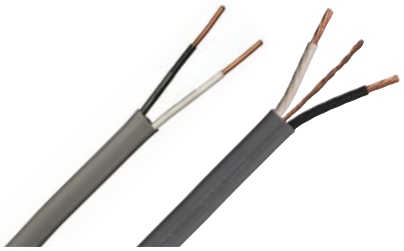
Paige
WATER & OUTDOOR
A GCG COMPANY

P7295D
Flat UF-B Power Cable



1.0 SCOPE

1.1 Description

1.1.1 This specification covers 2 or 3 conductor cables, with or without a ground wire, having polyvinyl chloride (PVC) insulation and a sunlight-resistant PVC overall jacket, and single conductor cables having a sunlight-resistant PVC insulation.

1.2 Standards Compliance

1.2.1 ASTM B-3,UL-493, and UL-719

2.0 CONSTRUCTION

2.1 Conductor

2.1.1 Material (for Multiconductor cables only):
14, 12 & 10AWG: Solid,annealed bare copper per ASTM B-3,UL-493, and UL-719
8 and 6AWG: Concentric, compressed stranded (class B)
Material (for Single Conductor cable only):
14-8AWG: Solid,annealed bare copper ASTM B-3 and UL-493
6-4/0AWG: Concentric compressed stranded (class B) ASTM B-3 and UL-493

2.1.2 No. of Conductors: 2 or 3

2.2 Construction

2.2.1 Solid: 14AWG-6AWG
(Multiconductor cables only)
Solid: 14AWG-8AWG
(Single Conductor cables only)
Stranded: 6AWG-4/0AWG
(Single Conductor cables only)

2.3 Insulation

2.3.1 Material for Multiconductor cable only: Polyvinyl chloride (PVC). UL-493 and UL-719

2.4 Ground Wire

2.4.1 For 2 or 3 conductor cable with ground. Solid, annealed bare copper per ASTM B-3.

2.5 Binder

2.5.1 Multiconductor cables are assembled flat parallel. For cables with ground, the ground wire is placed between two of the insulated conductors.

2.3 Outer Jacket

2.3.1 Material: (integral jacket and insulation for single conductor cable) Sunlight, moisture and fungus-resistant. Gray PVC. UL-493 and UL-719

2.6 Electrical properties

2.6.1 Maximum Voltage: 600V

2.7 Temperature Rating

2.7.1 60°C dry, 60°C wet

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