

SAP Material Master Number (Stock Number)
See Below

DOTD Spec. 149-008
Rev. 6/19/2013
3 Pages

**LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SPECIFICATIONS**

CABLE, COPPER CONDUCTOR

SAP Material Master Number 10898 (13-92-3480)

Cable, service entrance, AWG No. 8, 7 strand, 3 conductor, 2 conductors insulated (THHN-THWN), 1 conductor bare, Type SE, copper, Style U, 600 volts, PVC jacket overall, one continuous piece, minimum 1000 foot/maximum 1250 foot non-returnable reel.

SAP Material Master Number 10899 (13-92-3483)

Cable, service entrance, AWG No. 2, 7 strand, 3 conductor, 2 conductors insulated (THHN-THWN), 1 conductor bare, Type SE, copper, Style U, 600 volts, PVC jacket overall, one continuous piece, minimum 1000 foot/maximum 1250 foot non-returnable reel.

SAP Material Master Number 10904 (13-92-3620)

Cable, traffic signal and control, AWG No. 14, 6 conductor, stranded conductor, 600 volts, filler material, when used, shall be non-metallic, moisture resistant, non-hygroscopic, non-wicking and non-absorbent when tested either as a part of the cable or if taken by itself as a whole or in parts, all material, color coding and testing shall conform to I. M. S. A. Specification 20-1, 1997, conductors that are to be marked with tracer in addition to the solid color shall have the tracer as part of the insulation, ink marking not acceptable, outside jacket shall be smooth and shall not display patterns of the conductor lay on the outside of jacket, manufacturer identification shall be clear and very easily read, incomplete letter of names and dates will not be accepted, minimum length of wire per reel shall be 2,000 feet, maximum 3,000 feet, reel or container shall be clearly marked with quantity and purchase order number, furnished on non-returnable reels, the dimension of reel shall be: diameter (maximum) 3 feet, width 28 inches, hub hole (minimum) 3 inches, certified report of the test results shall be supplied with each order, cable on each reel shall be one continuous length without any splices, report shall detail the exact test run and shall document the test results of Paragraph 12.2(A), (B) and (C).

SAP Material Master Number 10905 (13-92-3630)

Cable, traffic signal and control, AWG No. 14, 10 conductor, stranded conductor, 600 volts, filler material, when used, shall be non-metallic, moisture resistant, non-hygroscopic, non-wicking and non-absorbent when tested either as a part of the cable or if taken by itself as a whole or in parts, all material, color coding and testing shall conform to I. M. S. A. Specification 20-1, 1997, conductors that are to be marked with tracer in addition to the solid color shall have the tracer as part of the insulation, ink marking not acceptable, outside jacket shall be smooth and shall not display patterns of the conductor lay on the outside of jacket, manufacturer identification shall be clear and very easily read, incomplete letter of names and dates will not be accepted, minimum length of wire per reel shall be 2,000 feet, maximum 3,000 feet, reel or container shall be clearly marked with quantity and purchase order number, furnished on non-returnable reels, the dimension of reel shall be: diameter (maximum) 3 feet, width 28 inches, hub hole (minimum) 3 inches, certified report of the test results shall be supplied with each order, cable on each reel shall be one continuous length without any splices, report shall detail the exact test run and shall document the test results of Paragraph 12.2(A), (B) and (C).

SAP Material Master Number 10906 (13-92-3650)

Cable, traffic signal and control, AWG No. 12, 4 conductor, stranded conductor, 600 volts, filler material, when used, shall be non-metallic, moisture resistant, non-hygroscopic, non-wicking and non-absorbent when tested either as a part of the cable or if taken by itself as a whole or in parts, all material, color coding and testing shall conform to I. M. S. A. Specification 20-1, 1997, conductors that are to be marked with tracer in addition to the solid color shall have the tracer as part of the insulation, ink marking not acceptable, outside jacket shall be smooth and shall not display patterns of the conductor lay on the outside of jacket, manufacturer identification shall be clear and very easily read, incomplete letter of names and dates will not be accepted, minimum length of wire per reel shall be 2,000 feet, maximum 3,000 feet, reel or container shall be clearly marked with quantity and purchase order number, furnished on non-returnable reels, the dimension of reel shall be: diameter (maximum) 3 feet, width 28 inches, hub hole (minimum) 3 inches, certified report of the test results shall be supplied with each order, cable on each reel shall be one continuous length without any splices, report shall detail the exact test run and shall document the test results of Paragraph 12.2(A), (B) and (C).

SAP Material Master Number 10907 (13-92-3660)

Cable, traffic signal and control, AWG No. 12, 7 conductor, stranded conductor, 600 volts, filler material, when used, shall be non-metallic, moisture resistant, non-hygroscopic, non-wicking and non-absorbent when tested either as a part of the cable or if taken by itself as a whole or in parts, all material, color coding and testing shall conform to I. M. S. A. Specification 20-1, 1997, conductors that are to be marked with tracer in addition to the solid color shall have the tracer as part of the insulation, ink marking not acceptable, outside jacket shall be smooth and shall not display patterns of

the conductor lay on the outside of jacket, manufacturer identification shall be clear and very easily read, incomplete letter of names and dates will not be accepted, minimum length of wire per reel shall be 2,000 feet, maximum 3,000 feet, reel or container shall be clearly marked with quantity and purchase order number, furnished on non-returnable reels, the dimension of reel shall be: diameter (maximum) 3 feet, width 28 inches, hub hole (minimum) 3 inches, certified report of the test results shall be supplied with each order, cable on each reel shall be one continuous length without any splices, report shall detail the exact test run and shall document the test results of Paragraph 12.2(A), (B) and (C).

SAP Material Master Number 10908 (13-92-3670)

Cable, traffic signal and control, AWG No. 19, 6 pair, stranded conductor, 600 volts, filler material, when used, shall be non-metallic, moisture resistant, non-hygroscopic, non-wicking and non-absorbent when tested either as a part of the cable or if taken by itself as a whole or in parts, all material, color coding and testing shall conform to I. M. S. A. Specification 20-2, 1997, conductors that are to be marked with tracer in addition to the solid color shall have the tracer as part of the insulation, ink marking not acceptable, outside jacket shall be smooth and shall not display patterns of the conductor lay on the outside of jacket, manufacturer identification shall be clear and very easily read, incomplete letter of names and dates will not be accepted, minimum length of wire per reel shall be 5,000 feet, maximum 6,000 feet, reel or container shall be clearly marked with quantity and purchase order number, furnished on non-returnable reels, the dimension of reel shall be : diameter (maximum) 53 inches, width (maximum) 36 inches, hub hole (minimum) 3 inches, certified report of the test results shall be supplied with each order, cable on each reel shall be one continuous length without any splices, report shall detail the exact test run and shall document the test results of Paragraph 14.2(A), (B) and (C).