

16AWG 2/C, 18 AWG 2/C STRANDED UNSHIELDED CMP/CL3P/FPLP CABLE
300V, 75C, PLENUM RATED, LOW VOLTAGE POWER LIMITED LV DIMMING

CONSTRUCTION:

- 1. **Conductors:** 16 AWG 7/.0192 or 18 AWG 7/.0152 Stranded Bare Copper 2 Conductors Twisted and Jacketed
- 2. **Insulation:** LS-PVC Color : Purple, Pink Per NEMA 100-2021 new guidelines
- 3. **Shield/Drain:** UNSHIELDED
- 4. **Jacket:** LS-PVC, Color: WHITE

APPLICATIONS AND FEATURES:

Commercial audio, luminaire, dimming, security and general purpose power limited circuit cable for low voltage cable applications.

SPECIFICATIONS:

- UL 444 CMP, NEC article 800
- Flame Test NFPA 262(UL 910) / CSA FT6
- UL 13 CL3P, NEC article 725
- UL 1424 FPLP, NEC article 760
- CSA C22.2 by C(UL)
- RoHS-2 (European Directive 2011/65/EU)

SAMPLE PRINT LEGEND:

XX AWG X/C E57497 c(UL)US CMP/CL3P/FPLP 75(D)C -- CMP FT6 MADE IN USA ROHS-3 COMPLIANT

PACKAGING

Standard Length: 1000Ft Reel, other lengths are available upon request.

TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	Cond. Size (AWG)	No. of Cond.	No. of Strands	Insulation Thickness (Inch)	Insulation Thickness (mils)	Jacket Thickness (Inch)	Jacket Thickness (mils)	Nominal OD (Inch)	Nominal OD (mils)	Nominal Weight (Lbs/Mft)	Nominal Weight (Kg/Km)
P51641-1	16	2	7/.0192	0.005	0.127	0.014	0.355	0.178	4.521	24.00	35.71
P41614-1	18	2	7/.0152	0.009	0.229	0.014	0.355	0.152	3.861	16.70	24.85

TABLE 2 - ELECTRICALS

Stock Code	Capacitance pF/FT Nom	DC Resistance per Conductor @ 68 DEG. F (Ohms/1M)	Impedance (Ohms)	Velocity of Propagation
P51641-1	43.1	4.35	50	47.5%
P41614-1	39.4	6.92	54	47.5%

Customer Company Name: _____ Date: _____

Customer Approval: _____ Customer Title: _____

All dimensions are nominal and subject to nominal manufacturing tolerances

The customer will accept all factory lengths and +/- 10 percent of total order requested.

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