

J-Tray Specification

PART 1 - GENERAL

1.10 REFERENCE STANDARDS:

- A. Underwriter's Laboratories, Inc., and C-UL
- B. The cable tray system components shall be certified by one of the following UL, C-UL, CSA and/or a recognized testing laboratory.

1.20 DESCRIPTION:

- A. Complete assembly of aluminum cable tray system and necessary accessories shall be provided as shown on plans. Install entire cable tray system in accordance with all local governing codes.

1.30 SUBMITTALS:

- A. Submittal drawings, in the form of 8 ½" x 11" catalog cut sheets, shall be provided for the following items: cable trays, fittings, accessories and load data.

PART 2 - PRODUCTS

2.10 MATERIALS

- A. Aluminum, 6063-T6 alloy. The tray sections shall be connected by one (1) splice connectors.

2.20 J-Tray - Aluminum

- A. Aluminum J-Tray shall be constructed of 2-7/8" WX 1-7/8" H X 10' L extruded aluminum.

2.30 FITTINGS

- A. Splice Connectors - Sections of J-Tray and all other fittings shall be joined by using one (1) rectangular splice connector.
- B. Fittings – Full array of horizontal and vertical fittings (Tees, 90s, etc) to create a continuous pathway.
- C. Tray and Fittings Covers – Shall be constructed of compatible material and design. Snapped into place on straight sections and fittings.

2.40 SUPPORTS

- A. Each J-Tray section shall be supported on maximum 5 (1.5 meters) spans.
- B. J-Tray shall be supported by and within H-433-S (j-hooks).
- C. Support as outlined in H-433-S literature.
- D. J-Tray can and will fit within the H-433-S, and multiple tiers of J-Tray will fit within tiers H-433-S arrangements without conflict.

2.60 OPTIONAL PAINTED FINISHES

- A. Optional powder coated painted finish to be applied to the outer surfaces of the J-Tray and associated fittings. Prior to the application of the powder coat all surfaces shall be cleaned and have an iron phosphate film applied. The color shall be _____.

PART 3 - MANUFACTURER

3.10 MANUFACTURER

- A. Company specializing in manufacturing products specified in this section must have a minimum of ten years documented experience. The cable tray and fittings shall be manufactured by: **MonoSystems, Inc.**, 4 International Drive, Rye Brook New York 10573. (TEL) 914-934-2075 (FAX) 914-934-2190.