



MERCURY WIRE PRODUCTS, INC.
SPENCER, MASSACHUSETTS
Manufacturers of Wire & Cable

CABLE SPECIFICATION

MW#: 13026 REV C

ENGINEERED BY: D.C./mc/dh

DATE: 5/9/2013

SHEET 1 OF 1

4 CONDUCTOR COMPOSITE CABLE

ELEMENT #1: #24 AWG COAXIAL UNIT:

CONDUCTOR: #24 AWG 16/36 TINNED COPPER

INSULATION: NOMINAL .020" THICKNESS LOW DENSITY POLYETHYLENE (NATURAL)

SHIELD: A NOMINAL .010" THICKNESS OF CONDUCTIVE POLYVINYLCHLORIDE (BLACK)

DRAIN WIRE: 9 ENDS #36 AWG TINNED COPPER

JACKET: APPROXIMATE .016" THICKNESS BLACK LOW DENSITY POLYETHYLENE TO A FINISHED DIAMETER OF .115" +/- .003" (PER UL 1354)

ELEMENT #2: 3 SINGLE CONDUCTORS #22 AWG:

CONDUCTOR: #22 AWG 19/34 TINNED COPPER

INSULATION: NOMINAL .010" THICKNESS LOW DENSITY POLYETHYLENE (PER UL 1589)

COLOR CODE: WHITE, WHITE, ORANGE

CABLE CONSTRUCTION: (3) SINGLE #22 AWG CONDUCTORS ARE LAID PARALLEL WITH EACH OTHER, AND IN LINE WITH THE #24 AWG COAXIAL CABLE.

CABLE JACKET: NOMINAL .032" THICKNESS OF PRESSURE EXTRUDED, FLAME RETARDENT, POLYVINYLCHLORIDE TO A FINISHED CABLE DIAMETER OF .235" OD +/- .010" (.245" MAXIMUM OD) (PER UL 2919)

JACKET COLOR: GRAY

THE PHYSICAL AND ELECTRICAL CHARACTERISTICS CONTAINED IN THIS CABLE SPECIFICATION ARE BELIEVED TO BE RELIABLE AND ARE DERIVED FROM VENDOR SUPPLIED DATA AND INDUSTRY STANDARDS. AS EACH APPLICATION IS UNIQUE, MERCURY WIRE CAN MAKE NO WARRANTIES AS TO THE SUITABILITY OF ANY PRODUCT FOR A PARTICULAR USE.

ACCEPTED: <u>IEWC</u>	
COMPANY NAME	
<u>Kristine Talbot</u>	<u>5/10/13</u>
NAME (PRINTED)	DATE
<u>Kristine Talbot</u>	<u>5/10/13</u>
NAME (SIGNATURE)	DATE