

THIS SPEC COVERS A SPECIAL MULTI-CONDUCTOR ROUND CABLE INTENDED FOR USE IN FESTOON SYSTEMS, VERTICAL DROP OF CABLE FROM A CRANE OR HOIST DOWN TO A PENDANT PUSH BUTTON STATION OR TRACKED CABLE CARRIER SYSTEMS

THE TYPE OF ROUND CABLE COVERED BY THIS SPEC IS UL LISTED TYPE MTW PER UL SUBJECT 1063 AND HAS AN OPERATING TEMP RANGE OF -10C TO +90C.  
\*NOT RECOMMENDED FOR SEVERE FLEXING OR IMPACT AT TEMPS BELOW -10C.

STRANDING OF INDIVIDUAL CONDUCTORS SHALL BE BARE SOFT ANNEALED COPPER PER ASTM B3: 16 AWG, 65/34. THE STRANDING SHALL BE CLASS M.

EACH CONDUCTOR SHALL BE INSULATED WITH 90C RATED PVC AND NYLON COVERED WITH FOLLOWING DIMENSIONS: PVC WALL .015", NYLON WALL .005", DIMENSIONS .102" +/- .003"

THE COLOR CODE IS IN ACCORDANCE WITH ICEA S-66-524 TABLE K-2.

1 BLACK	6 BROWN	11 BROWN/BLACK	16 GREEN
2 RED	7 RED/BLACK	12 BLACK/RED	
3 BLUE	8 BLUE/BLACK	13 BLUE/RED	
4 ORANGE	9 ORANGE/BLACK	14 ORANGE/RED	
5 YELLOW	10 YELLOW/BLACK	15 YELLOW/RED	

CONDUCTOR IDENTIFICATION: LONGITUDINAL OR SPIRAL STRIPE ON ONE SIDE OF CONDUCTOR (WHERE NEEDED) AND CORRESPONDING NUMBER ON OTHER SIDE.  
GREEN CONDUCTOR WILL NOT BE NUMBERED.

**CABLE CONSTRUCTION:**

CABLE CORE: COND.CABLED TOGETHER WITH A LEFT HAND LAY

BINDER: .002" MYLAR TAPE - 25% MINIMUM OVERLAP

JACKET: PVC-YELLOW

FILLERS: NYLON TYPE FILAMENTS AS REQUIRED TO MAINTAIN A CIRCULAR CABLE CROSS SECTION.

**JACKET:**

THE JACKET IS +105C TO -10C RATED PVC WITH A DUROMETER SHORE "A" HARDNESS OF 75.

THE JACKET HAS EXCELLENT RESISTANCE TO SUNLIGHT, WEATHER, OZONE, OIL & WATER.

THE JACKET IS FADE RESISTANCE YELLOW IN COLOR

THE JACKET WALL THICKNESS IS .063"

THE JACKET PRINT SHALL READ: "IEWC E-(NUMBER), 16/C 16 AWG MTW

"FLEXING" (UL) 600V/LL(NUMBER) CSA AWM IIA 90C 600V FT1"

(JACKET PRINTING IS DONE WITH BLACK INK)

**OTHER INFORMATION:**

CABLE DIAMETER IS .605" +/- .020"

CABLE WEIGHT: 255 LBS/M'

\*\*\*\*SUPPLY ONLY ON NON-RETURNABLE UNMARKED WOODEN REELS\*\*\*\*  
500 FT PUT-UPS