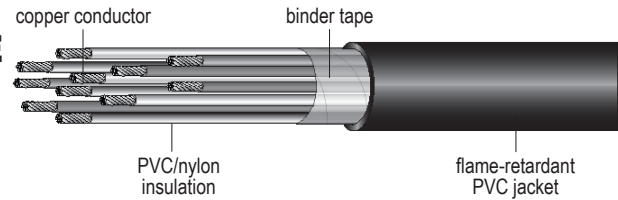


**SPECIFICATION**  
**HW150**

**TRAY CABLE - CONTROL CABLE**

**600 Volt UL Type TC-ER\***  
**TFN Insulation**  
**PVC Jacket**  
**Copper Conductors**



Catalog Number	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness Mils	Nylon Jacket Thickness Mils	Overall Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW150 01802*	18	2	7	15	4	45	0.19 x 0.28	33
HW150 01803	18	3	7	15	4	45	0.28	43
HW150 01804	18	4	7	15	4	45	0.31	52
HW150 01805	18	5	7	15	4	45	0.33	62
HW150 01806	18	6	7	15	4	45	0.36	72
HW150 01807	18	7	7	15	4	45	0.37	79
HW150 01808	18	8	7	15	4	45	0.38	89
HW150 01809	18	9	7	15	4	45	0.41	104
HW150 01810	18	10	7	15	4	45	0.45	111
HW150 01812	18	12	7	15	4	45	0.46	127
HW150 01815	18	15	7	15	4	45	0.51	157
HW150 01819	18	19	7	15	4	60	0.57	202
HW150 01825	18	25	7	15	4	60	0.65	258
HW150 01830	18	30	7	15	4	60	0.69	300
HW150 01837	18	37	7	15	4	60	0.74	360

\* Flat construction

**APPLICATION:**

General purpose cable for use in power, control and lighting circuits in a broad range of commercial and industrial applications. Approved for continuous operation at 90°C in dry locations, installation indoors or outdoors, aerially, in conduits, ducts, cable trays or direct burial in circuits not exceeding 600 volts. May be used in NEC Class I and II, Division 2 hazardous locations. Exposed Run (ER) rating available upon request.

**CONDUCTORS:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

**INSULATION:**

Flame-retardant PVC per UL Standard 62 for Type TFN wire

**INSULATION JACKET:**

Clear nylon per UL Standard 62 for Type TFN wire

**JACKET:**

Sunlight-resistant PVC per UL Standard 1277

**FLAME TESTS:**

- IEEE 383 (70,000 BTU/hr) Flame Test
- ICEA (210,000 BTU/hr) Flame Test

**COLOR CODE:**

ICEA Method 1, Table E-2

**ADDITIONAL STANDARDS:**

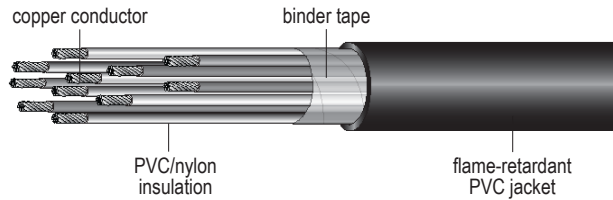
- UL Type TC per Article 336 of the NEC
- Approved for Class 1 remote-control and signaling circuits per Article 725 of the NEC

\*TC-ER rating applies to cables with 3 or more insulated conductors

TRAY CABLES

**TRAY CABLE - CONTROL CABLE**

**600 Volt UL Type TC-ER\*  
TFN Insulation  
PVC Jacket  
Copper Conductors**



Catalog Number	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness Mils	Nylon Jacket Thickness Mils	Overall Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW150 01602*	16	2	7	15	4	45	0.20 x 0.30	42
HW150 01602R	16	2	7	15	4	45	0.30	42
HW150 01603	16	3	7	15	4	45	0.31	55
HW150 01604	16	4	7	15	4	45	0.34	69
HW150 01605	16	5	7	15	4	45	0.36	83
HW150 01606	16	6	7	15	4	45	0.39	96
HW150 01607	16	7	7	15	4	45	0.39	106
HW150 01608	16	8	7	15	4	45	0.39	122
HW150 01609	16	9	7	15	4	45	0.43	138
HW150 01610	16	10	7	15	4	45	0.46	149
HW150 01612	16	12	7	15	4	45	0.51	174
HW150 01615	16	15	7	15	4	60	0.60	229
HW150 01616	16	16	7	15	4	60	0.60	241
HW150 01619	16	19	7	15	4	60	0.63	275
HW150 01620	16	20	7	15	4	60	0.66	291
HW150 01625	16	25	7	15	4	60	0.72	355
HW150 01630	16	30	7	15	4	60	0.77	414
HW150 01637	16	37	7	15	4	80	0.82	498
HW150 01650	16	50	7	15	4	80	1.01	703

\* Flat construction

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**CONDUCTORS:**

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**INSULATION:**

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**INSULATION JACKET:**

Clear nylon per UL Standard 62 for Type TFN wire

**JACKET:**

Sunlight-resistant PVC per UL Standard 1277

**FLAME TESTS:**

- IEEE 383 (70,000 BTU/hr) Flame Test
- ICEA (210,000 BTU/hr) Flame Test
- IEEE 1202 (70,000 BTU/hr) Flame Test

**COLOR CODE:**

ICEA Method 1, Table E-2

**ADDITIONAL STANDARDS:**

- UL Type TC per Article 336 of the NEC
- Approved for Class 1 remote-control and signaling circuits per Article 725 of the NEC

\*TC-ER rating applies to cables with 3 or more insulated conductors