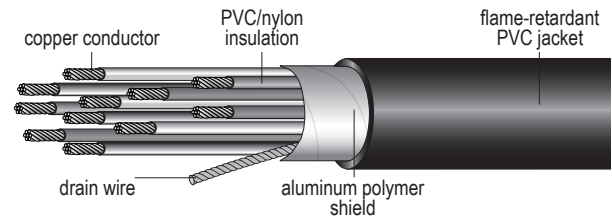


**TRAY CABLE - SHIELDED  
CONTROL CABLE**

**600 Volt UL Type TC-ER\*, 90°C  
THHN or THWN-2 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
HW153 01402	14	2	7	15	4	45	0.33	62
HW153 01403	14	3	7	15	4	45	0.35	80
HW153 01404	14	4	7	15	4	45	0.38	99
HW153 01405	14	5	7	15	4	45	0.41	118
HW153 01407	14	7	7	15	4	45	0.45	153
HW153 01409	14	9	7	15	4	45	0.52	196
HW153 01412	14	12	7	15	4	60	0.61	267
HW153 01419	14	19	7	15	4	60	0.71	396
HW153 01425	14	25	7	15	4	60	0.83	511
HW153 01437	14	37	7	15	4	60	1.02	768

**APPLICATION:**

General purpose cable for use where shielding from electro-static interference is required in power, control and lighting circuits in a broad range of commercial and industrial applications. Approved for 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. UL approved for use in continuous operation at 90°C in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

**CONDUCTORS:**

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

**INSULATION:**

Flame-retardant PVC per UL Standard 83 for Type THHN or THWN wire

**INSULATION JACKET:**

Clear nylon per UL Standard 83 for Type THHN or THWN wire

**OVERALL SHIELD:**

Aluminum-polymer tape providing 100% coverage with a flexible 7-strand tinned copper drain 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:**

Control Sizes: ICEA Method 1, Table E-2

**ADDITIONAL STANDARDS:**

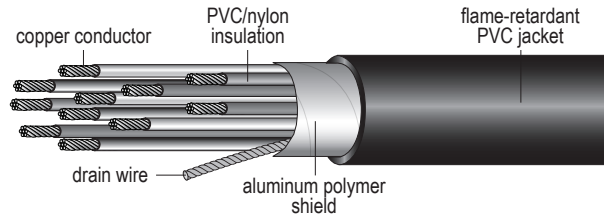
- UL Type TC per Article 336 of the NEC
- Approved for Class 1 remote-control and signaling circuits per Article 725 of the NEC

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

**SPECIFICATION**  
**HW153**

**TRAY CABLE - SHIELDED CONTROL CABLE**

**600 Volt UL Type TC-ER\*, 90°C THHN or THWN-2 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
HW153 01202	12	2	7	15	4	45	0.37	83
HW153 01203	12	3	7	15	4	45	0.39	110
HW153 01204	12	4	7	15	4	45	0.42	138
HW153 01205	12	5	7	15	4	45	0.46	165
HW153 01207	12	7	7	15	4	45	0.50	216
HW153 01209	12	9	7	15	4	60	0.62	297
HW153 01212	12	12	7	15	4	60	0.69	378
HW153 01219	12	19	7	15	4	60	0.80	568
HW153 01237	12	37	7	15	4	60	1.14	1105
HW153 01002	10	2	7	20	4	45	0.43	131
HW153 01003	10	3	7	20	4	45	0.45	169
HW153 01004	10	4	7	20	4	45	0.50	231
HW153 01005	10	5	7	20	4	60	0.58	276
HW153 01012	10	12	7	20	4	60	0.86	647

**APPLICATION:**

General purpose cable for use where shielding from electro-static interference is required in power, control and lighting circuits in a broad range of commercial and industrial applications. Approved for 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. UL approved for use in continuous operation at 90°C in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

**CONDUCTORS:**

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**INSULATION:**

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**INSULATION JACKET:**

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**OVERALL SHIELD:**

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**FLAME TESTS:**

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**COLOR CODE:**

Control Sizes: 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