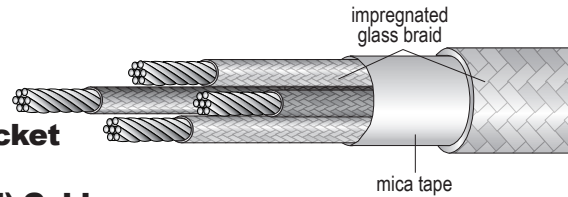


SPECIFICATION
HW060

HOOK UP, LEAD & HIGH TEMP CABLE

CIRCUIT INTEGRITY CABLE

Flexible Integrity Cable with Fluoropolymer Jacket
Suitable for Hydrocarbon Fire, 2000°F
Designed as an Alternate to Mineral Insulated (MI) Cable
Suitable for Continuous Use Temperature of 200°C
Nickel-Coated Copper Conductor



Catalog Number	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW060 01604	16	4	7	55	15	0.53	164
HW060 01404	14	4	19	70	15	0.58	215
HW060 01407	14	7	19	70	15	0.70	297
HW060 01409	14	9	19	70	15	0.84	398
HW060 01412	14	12	19	70	15	0.95	496
HW060 01416	14	16	19	70	15	1.06	639
HW060 01202	12	2	37	70	15	0.54	173
HW060 01203	12	3	37	70	15	0.58	212
HW060 01204	12	4	37	70	15	0.63	263
HW060 01003	10	3	37	70	15	0.62	262
HW060 01004	10	4	37	70	15	0.68	341
HW060 00803	8	3	133	90	15	0.84	455
HW060 00804	8	4	133	90	15	0.84	580
HW060 00603	6	3	133	90	15	0.93	607
HW060 00604	6	4	133	90	15	1.02	769

APPLICATION:

Highly flame-resistive cable for use in high temperature environments where circuit integrity is required. Used for power, control and instrumentation circuits in iron, steel, glass, aluminum and refining applications.

CONDUCTOR:

- 16 AWG – 10 AWG: 27% nickel-coated, soft annealed copper per ASTM B-355, Class K stranding per ASTM B-174

INSULATION:

Pyro-stable, flexible elastomer system, mica/glass braid

JACKET:

Impregnated glass braid treated with a flame, heat, moisture and abrasion resistant finish with overall heat, chemical and UV resistant fluoropolymer jacket, 105°C LSZH TC-ER available

FLAME TESTS:

- Hydrocarbon Pool Fire Test - 60 minutes @ 1093°C/2000°F rise Temperature Curve 480V, 17A heat flux of (65,000 BTU/hr-ft²) per UL-1709
- IEEE 383 Flame Test 2000°F, 2-hours @ 1000 V
- IEEE 383 Flame Test 2000°F, 3-hours @ 480 V
- UL 2196 2-hours Circuit Integrity Fire Test
- IEEE 1202/FT4 Flame Test
- UL 1685
- MIL-W-25038 Fire Test, 2-hours