

# HIGH TEMPERATURE

## 450°C UL LISTED

**Glass/Mica Insulation  
Braided Glass Jacket  
600 Volts, 450°C, #18 - #10 AWG**



### DESCRIPTION

#### Conductor

Nickel coated copper per ASTM B-355. Class K stranded per ASTM B-174.

#### Sizes

#18 AWG - #10 AWG.

#### Insulation

Glass reinforced mica tapes.

#### Conductor Jacket

Braided glass yarn impregnated with a high temperature finish.

#### Color Code

Color coded or surface printed, braided glass yarn.

#### Assembly

Conductors are cabled with flame retardant fillers to make round. Glass reinforced mica tape(s) and TFE Teflon® tape are applied over the core.

#### Overall Jacket

Braided glass yarn impregnated with high temperature finish.

### Standards

UL listed for 450°C. A maximum temperature of 538°C is possible (Non UL). Meets the flame test requirements of IEEE 383, IEEE 1202 and ICEA T-29-520 210,000 BTU (maintaining circuit integrity for 2.5 hours). Non UL operating temperature can withstand up to 2400° F short term.

### Temperature

450°C UL or 538°C Non UL

### Voltage

600 Volts.

### APPLICATIONS

Used where environmental factors require cable characteristics to include the ability to maintain circuit integrity for extended periods in a fire. This cable exhibits minimal smoke emission when burned and a degree of moisture and chemical resistance under normal operating conditions.

PART NUMBER	AWG	NUMBER OF CONDUCTORS	NUMBER OF STRANDS	INSULATION THICK. IN.	OVERALL JACKET THICK. IN.	NOMINAL O.D. IN.	WEIGHT LBS/K FT	TEMP RATING
08-0741	18	1	16	.032	.034	.181	22	450°C
08-0743	18	2	16	.032	.027	.295	73	450°C
08-0745	18	3	16	.032	.027	.315	94	450°C
08-0747	18	4	16	.032	.027	.345	119	450°C
08-0749	16	1	26	.032	.034	.194	27	450°C
08-0751	16	2	26	.032	.027	.320	66	450°C
08-0753	16	3	26	.032	.027	.340	80	450°C
08-0755	16	4	26	.032	.027	.375	100	450°C
08-0757	14	1	41	.032	.034	.207	34	450°C
08-0759	14	2	41	.032	.027	.345	82	450°C
08-0761	14	3	41	.032	.027	.370	102	450°C
08-0763	14	4	41	.032	.027	.405	128	450°C
08-0765	12	1	65	.032	.034	.230	44	450°C
08-0767	12	2	65	.032	.027	.395	109	450°C
08-0769	12	3	65	.032	.027	.420	138	450°C
08-0771	12	4	65	.032	.027	.460	174	450°C
08-0773	10	1	105	.045	.034	.281	69	450°C
08-0775	10	2	105	.045	.027	.495	175	450°C
08-0777	10	3	105	.045	.027	.530	226	450°C
08-0779	10	4	105	.045	.027	.590	286	450°C

> Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.

Shielding available upon request.

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