





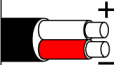
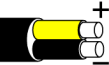
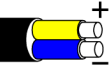
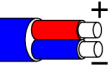
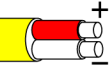

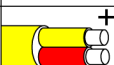
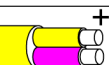
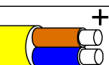

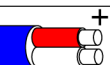
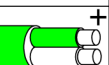
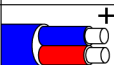
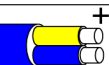
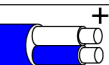
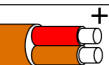
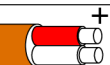
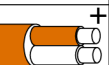


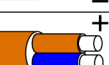
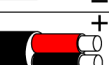
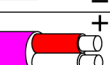
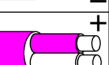

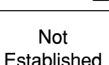
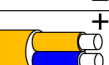
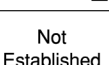
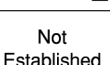
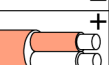

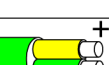

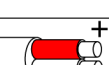
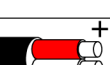


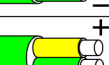

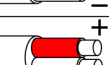
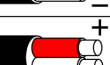
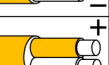



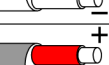
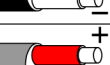


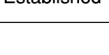
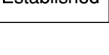


| TYPE (Letter) | Conductor Material | POLARITY | Initial Calibration Tolerances (* Whichever is greater) | | U.S.A. | FRANCE | U.K. | GERMANY | JAPAN | IEC | Application Range |
|------------------|-------------------------|----------|--|--------------------|---|---|---|---|---|---|-----------------------------------|
| | | | Standard | Special |  |  |  |  |  |  | |
| J | Iron | + | ±4.0 F or ±.75%* | ±2.0 F or ±.4%* |  |  |  |  |  |  | 32 to 1400° F 0 to 760° C |
| | Constantan | - | | |  |  |  |  |  |  | |
| K | Chromel | + | ±4.0 F or ±.75%* | ±2.0 F or ±.4%* |  |  |  |  |  |  | 32 to 2300° F 0 to 1260° C |
| | Alumel | - | | |  |  |  |  |  |  | |
| T | Copper | + | ±1.8 F or ±1.5%* | ±0.9 F or ±.8%* |  |  |  |  |  |  | 32 to 700° F 0 to 370° C |
| | Constantan | - | | |  |  |  |  |  |  | |
| E | Chromel | + | ±3.0 F or ±.5%* | ±1.8 F or ±.4%* |  |  |  |  |  |  | 32 to 1600° F 0 to 870° C |
| | Constantan | - | | |  |  |  |  |  |  | |
| N | Nicrosil | + | ±4.0 F or ±.75%* | ±2.0 F or ±.4%* |  | Not Established |  | Not Established | Not Established |  | 32 to 2300° F 0 to 1260° C |
| | NISIL | - | | | | | | | | | |
| R | Platinum 13% Rhodium | + | ±2.7 F or ±.25%* | ±1.1 F or ±.1%* | | | | | | | 32 to 2700° F 0 to 1480° C |
| | Platinum | - | | | | | | | | | |
| S | Platinum 10% Rhodium | + | ±2.7 F or ±.25%* | ±1.1 F or ±.1%* | | | | | | | 32 to 2700° F 0 to 1480° C |
| | Platinum | - | | | | | | | | | |
| B | Platinum 30% Rhodium | + | .5% | .25% | | Not Established | Not Established | | | Not Established | 1600 to 3100° F 870 to 1700° C |
| | Platinum 6% Rhodium | - | | | | | | | | | |