



General Information and Selection

	SINGLE-CONDUCTOR TYPES: SOLID WIRE		
	Type Note 1	Packaging	Description
		Foot [Meter]*	
 <p>AWP AWN</p> <p>AWQ GWF</p> <p>HWN JWN</p>	134-AWP 136-AWP	500ft [150m] 500ft [150m]	Solid copper wire, polyurethane enamel: General-purpose intragage hookup wire. Useful from –100° to +300°F [–75° to +150°C]. Enamel coating easily removed by applying heat from soldering iron.
	127-AWN 130-AWN 134-AWN	500ft [150m] 500ft [150m] 500ft [150m]	Solid copper wire, nylon/polyurethane enamel: Identical in use and specifications to Type AWP above, but with superior abrasion resistance and slightly reduced insulation resistance at elevated temperatures. 134-AWN is available in four colors; specify: –R (red), –W (white), –B (black), –G (green).
	127-AWQ 130-AWQ 134-AWQ	500ft [150m] 500ft [150m] 500ft [150m]	Solid copper wire, polyimide enamel: Intragage hookup wire. Temperature range –452° to +600°F [–269° to +315°C] short term. Enamel is extremely tough and abrasion resistant, with excellent electrical properties; generally removed by mechanical scraping or sanding.
	126-GWF 126-GWF	100ft [30m] 1000ft [300m]	Solid nickel-clad copper wire, fiberglass braid insulation: Useful from –452° to +900°F [–269° to +480°C]. Recommended for use with WK-Series gages when silver solder is used for lead attachment.
	137-HWN	200ft [60m]	Solid manganin wire, nylon/polyurethane enamel: Used for bridge balance and span set in transducer circuits. Nominal resistance: 14 ohms/ft [50 ohms/m]. Temperature range: +10° to +125°F [–10° to +50°C].
	142-JWN	500ft [150m]	Solid Balco® wire, nylon/polyurethane enamel: Used for bridge temperature compensation of zero shift or span. Nominal resistance: 19 ohms/ft [65 ohms/m]. Temperature coefficient of resistance: +0.25%/°F [+0.45%/°C]. Temperature range: +10° to +300°F [–10° to +150°C].
	SINGLE-CONDUCTOR TYPES: STRANDED WIRE		
	Type	Packaging	Description
		Foot [Meter]*	
 <p>DWV FWK FWT</p>	126-DWV	100ft [30m]	Stranded tinned-copper wire, vinyl insulation: General-purpose leadwire. Useful to +180°F [+80°C]. Vinyl insulation becomes brittle at low temperature; not normally used below –60°F [–50°C]. Specify red, white, black, or green.
	126-FWK	25ft [7.5m]	Stranded silver-plated copper wire, Kapton® polyimide insulation: High-performance. Recommended for unusually severe service from –452° to over +600°F [–269° to +315°C] short term. Excellent resistance to abrasion, radiation, and outgassing in high vacuum. Treated for bondability.
	130-FWT	100ft [30m]	Stranded silver-plated copper wire, Teflon® insulation: Wide temperature range. Useful from –452° to +500°F [–269° to +260°C]. When bonding to Teflon-insulated wire, insulation must be treated with Tetra-Etch® compound (see “Special-Purpose Materials.”) Specify red, white, black, or green.

*Some types may not be continuous length.

Note 1: Products shown in bold are RoHS compliant.

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