

## AP700003.AP700004.AP700009.AP700010

### RJ45-Connector, 100Ohms, Straight Plug

	<p><b>For more information please call 1-800-Belden1</b></p> <p><u><b>See Put-ups and Colors</b></u></p>
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#### Description:

RJ45-Connector, STP Cat5e/Cat6/6A, 100 ohms, Straight male (plug)

#### PHYSICAL CHARACTERISTICS:

Plug Housing	PC - Polycarbonate, UL 94V-2 rated
Contact Blade	Phosphor bronze plated with 50u" gold over 100u" nickel undercoat

#### ELECTRICAL CHARACTERISTICS:

Current Rating	1.5 A maximum
Characteristic Impedence	100 ohms
Insulation Resistance	100 Mohms Min
Contact Resistance	20mohms Max
Voltage Rating	30 VAC maximum

#### MECHANICAL CHARACTERISTICS:

Cable Retention Force	40 lbs Max
Max Insertion and Withdrawal Force	22 N
Humidity	10% to 90% R.H.

#### WIRE RANGE:

Part Code	Conductor Diameter	Conductor Type	Insulation Diameter	Cable Diameter
AP700003	26AWG-24AWG	Stranded	0.88-0.93mm	Under 6.5mm
AP700004	26AWG-24AWG	Stranded & Solid	0.98-1.05mm	Under 6.5mm
AP700009	26AWG-23AWG	Stranded & Solid	1.05-1.15mm	Under 8.0mm
AP700010	26AWG-24AWG	Stranded & Solid	0.96-1.02mm	Under 6.5mm

#### ENVIRONMENTAL CHARACTERISTICS:

Temperature Range	- 10°C to + 60°C
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#### APPLICABLE STANDARDS:

UL Specification	UL 1863
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### RJ45-Connector, 100Ohms, Straight Plug

EIA Specification	EIA-364
EU RoHS Compliant (Y/N)	Y
EU RoHS Compliance Date	Mar 2008

#### PUT-UPS AND COLORS:

Item	Description	Put-ups* (pieces)
AP700003	RJ45-CONNECTOR, 2PRONGS STP CAT5E 100 OHM STRAIGHT MALE(PLUG)	50
AP700004	RJ45-CONNECTOR, 3PRONGS STP CAT6 100 OHM STRAIGHT MALE(PLUG)	50
AP700009	RJ45-CONNECTOR, 3PRONGS STP CAT6A 100 OHM STRAIGHT MALE(PLUG)	50
AP700010	RJ45-CONNECTOR, 3PRONGS STP CAT5E 100 OHM STRAIGHT MALE(PLUG)	50

\* Individually packaged in a clear plastics bag.

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