

Platinum Tools, Inc.
EZ-RJ45 Connector
Cable Compatibility

Test Results
Cat 6 Cable and Other Application Specific Cables

CABLE MANUFACTURER	CABLE P/N	WIRE GAUGE	CABLE TYPE	MATERIAL	CONCLUSION FOR THE EZ-RJ45®	COMMENTARY
BELDEN	7883A	24 AWG SOLID	CAT 6		YES	THE PAIRS ARE BONDED. IT IS BEST TO USE THE BELDEN PREPARATION TOOL P/N 1797B TO UN-BOND THE PAIRS. THERE CAN BE BURRS WHERE THE PAIRS WERE BONDED AND THESE NEED TO BE REMOVED OR THEY WILL PREVENT THE CONDUCTORS SLIDING THROUGH THE HOLES AT THE OTHER END OF THE EZ CONNECTOR. USING YOUR THUMB NAIL AND YOUR INDEX FINGER WORKS WELL.
BELDEN	7881A	23 AWG SOLID	CAT 6	PVC	YES	THE HOLES IN THE END OF THE EZ CONNECTOR HAVE AN ID OF 0.040 INCHES. 7881A CONDUCTORS HAVE AN OD OF 0.0406" ON PAPER << 0.0226"+0.009"+0.009">> BUT SINCE CABLE IS MADE AT THE MINUS END OF THE TOLERANCE, THE CONDUCTORS WILL SLIDE THROUGH THE 0.040" HOLES AT THE OTHER END OF THE EZ CONNECTOR. ALL TWISTS NEED TO BE COMBED OUT SO THAT EACH CONDUCTOR CAN LAY SIDE BY SIDE TIGHT WITH NO GAPS AND MAKE SURE THE ENDS ARE CUT CLEAN WITH NO BURRS.
BELDEN	7882A	23 AWG SOLID	CAT 6	PLENUM	YES	READ 7881A COMMENTARY
BELDEN	7989R	23 AWG SOLID	CAT 6	PVC	NO	OD OF CONDUCTORS TOO LARGE
BELDEN	1583A	24 AWG SOLID	CAT 5E	PVC	YES	SLAM DUNK
BELDEN	1700A	24AWG SOLID	CAT 5E	PVC	YES	THE PAIRS ARE BONDED. IT IS BEST TO USE THE BELDEN PREPARATION TOOL P/N 1797B TO UN-BOND THE PAIRS. THERE CAN BE BURRS WHERE THE PAIRS WERE BONDED AND THESE NEED TO BE REMOVED OR THEY WILL PREVENT THE CONDUCTORS SLIDING THROUGH THE HOLES AT THE OTHER END OF THE EZ CONNECTOR. USING YOUR THUMB NAIL AND YOUR INDEX FINGER WORKS WELL.
BELDEN	2412	24 AWG SOLID	CAT 6	PVC	YES	SLAM DUNK
BELDEN	7988R	24 AWG SOLID	CAT 5E	PVC	YES	THE PAIRS ARE BONDED. IT IS BEST TO USE THE BELDEN PREPARATION TOOL P/N 1797B TO UN-BOND THE PAIRS. THERE CAN BE BURRS WHERE THE PAIRS WERE BONDED AND THESE NEED TO BE REMOVED OR THEY WILL PREVENT THE CONDUCTORS SLIDING THROUGH THE HOLES AT THE OTHER END OF THE EZ CONNECTOR. USING YOUR THUMB NAIL AND YOUR INDEX FINGER WORKS WELL.
BELDEN	7987R	24 AWG SOLID	CAT 5E	PVC	YES	SLAM DUNK
BELDEN	1212	24 AWG SOLID	CAT 5E	PLENUM	YES	SLAM DUNK

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BELDEN	7851A	23 AWG SOLID	CAT 6	PVC	NO	BOTH THE CABLE JACKET OD AND THE CONDUCTORS OD ARE TOO LARGE.
BELDEN	1872A	23 AWG SOLID	CAT 6	PVC	YES	THE PAIRS ARE BONDED. IT IS BEST TO USE THE BELDEN PREPARATION TOOL P/N 1797B TO UN-BOND THE PAIRS. THERE CAN BE BURRS WHERE THE PAIRS WERE BONDED AND THESE NEED TO BE REMOVED OR THEY WILL PREVENT THE CONDUCTORS SLIDING THROUGH THE HOLES AT THE OTHER END OF THE EZ CONNECTOR. USING YOUR THUMB NAIL AND YOUR INDEX FINGER WORKS WELL. THE CABLE JACKET DESIGN IS AN ELLIPTICAL DESIGN BUT IT DOES SLIDE UP INTO THE CONNECTOR AND POSITIONS ITSELF WITH MINIMAL EFFORT.
BELDEN	1318SB	24 AWG SOLID	CAT 5E	POLYOLEFIN BLACK LSZH	YES	THE CABLE IS A DUEL JACKET WHICH REQUIRES A DOUBLE STRIP. SET YOUR CABLE JACKET STRIPPER ON THE CABLE 2 1/2 INCHES FROM THE END OF THE CABLE. SCORE AND POP THE JACKET AND SLIDE OFF CABLE JACKET #1. THIS EXPOSES CABLE JACKET #2. NOW PLACE YOUR CABLE JACKET STRIPPER ON CABLE JACKET #2 APPRX 5/8 INCHES FROM THE END OF CABLE JACKET #1. SCORE AND POP AND SLIDE OFF EXPOSING ALL 4 CONDUCTOR PAIRS. NOW IT IS READY FOR THE STANDARD PREP. NOTE #1 = WHEN YOU SLIDE ON THE EZ-RJ45 CAT6 CONNECTOR, THE CABLE JACKET #2 GOES UP ALL THE WAY INSIDE THE EZ-RJ45 WITH THE END OF CABLE JACKET #1 SITTING AT THE END OF EZ-RJ45 CONNECTOR. NOTE #2 = EVEN THOUGH THIS CABLE IS A CAT5E CABLE, MUST USE THE EZ-RJ45 CAT6 FOR A SUCCESSFUL TERMINATION.
BELDEN	1319SB	23 AWG SOLID	CAT 6	POLYOLEFIN BLACK LSZH	YES	THE CABLE IS A DUEL JACKET WHICH REQUIRES A DOUBLE STRIP. SET YOUR CABLE JACKET STRIPPER ON THE CABLE 2 1/2 INCHES FROM THE END OF THE CABLE. SCORE AND POP THE JACKET AND SLIDE OFF CABLE JACKET #1. THIS EXPOSES CABLE JACKET #2. NOW PLACE YOUR CABLE JACKET STRIPPER ON CABLE JACKET #2 APPRX 5/8 INCHES FROM THE END OF CABLE JACKET #1. SCORE AND POP AND SLIDE OFF EXPOSING ALL 4 CONDUCTOR PAIRS. NOW IT IS READY FOR THE STANDARD PREP. NOTE #1 = WHEN YOU SLIDE ON THE EZ-RJ45 CAT6 CONNECTOR, THE CABLE JACKET #2 GOES UP ALL THE WAY INSIDE THE EZ-RJ45 WITH THE END OF CABLE JACKET #1 SITTING AT THE END OF EZ-RJ45 CONNECTOR.
HITACHI	30024-8	24 AWG SOLID	CAT 6	RISER	YES	EASY TO TERMINATE
HITACHI	30025-8	24 AWG SOLID	CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56889	24 AWG SOLID	CAT 6	PVC	YES	EASY TO TERMINATE

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MOHAWK	M56905	24 AWG SOLID	CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58291	24 AWG SOLID	CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58280	24 AWG SOLID	CAT 6	PLENUM	YES	EASY TO TERMINATE
WEST PENN	4246	24 AWG SOLID	CAT 6	PVC	YES	EASY TO TERMINATE
WEST PENN	254246	24 AWG SOLID	CAT 6	PLENUM	YES	EASY TO TERMINATE