

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
BELDEN	7851A	23 AWG SOLID	CAT 6	PVC	NO	BOTH THE CABLE JACKET OD AND THE CONDUCTORS OD ARE TOO LARGE.

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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	38891-8	24 AWG SOLID	CAT 5E	PLENUM	YES	EASY TO TERMINATE
HITACHI	38893-8	24 AWG SOLID	CAT 5E	RISER	YES	EASY TO TERMINATE
HITACHI	39419-8	24 AWG SOLID	CAT 5E	PLENUM	YES	EASY TO TERMINATE
HITACHI	38696-8	24 AWG SOLID	CAT 5E	RISER	YES	EASY TO TERMINATE
HITACHI	30024-8	23 AWG SOLID	CAT 6	PLUS RISER	YES	EASY TO TERMINATE
HITACHI	30025-8	23 AWG SOLID	CAT 6	PLUS PLENUM	YES	EASY TO TERMINATE

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HITACHI	30183-8	23 AWG SOLID	CAT 6	PREMIUM PLENUM	YES	EASY TO TERMINATE
HITACHI	30212-8	23 AWG SOLID	CAT 6	PREMIUM RISER	YES	EASY TO TERMINATE
HITACHI	30016-8	23 AWG SOLID	CAT 6	SUPRA 660 PLENUM	YES	EASY TO TERMINATE
HITACHI	30022-8	23 AWG SOLID	CAT 6	SUPRA 660 RISER	YES	EASY TO TERMINATE
HITACHI	30218-8	23 AWG SOLID	CAT 6	SUPRA 10G PLENUM	NO	CABLE JACKET & CONDUCTOR'S OD TOO LARGE
HITACHI	30222-8	23 AWG SOLID	CAT 6	SUPRA 10G RISER	NO	CABLE JACKET & CONDUCTOR'S OD TOO LARGE
MOHAWK	M56889	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57202	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57203	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57204	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57205	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57206	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57207	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57208	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57209	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57210	23 AWG SOLID	ADVANCE NET CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M56905	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE

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MOHAWK	M57193	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57194	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57195	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57196	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57197	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57198	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57199	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57200	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57201	23 AWG SOLID	ADVANCE NET CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57413	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57414	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57415	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57416	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57417	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57620	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57750	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57860	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57861	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE

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MOHAWK	M57866	23 AWG SOLID	GIGA LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M57418	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57419	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57420	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57421	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57422	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57621	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57867	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57870	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57868	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M57869	23 AWG SOLID	GIGA LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58291	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58292	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58293	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58294	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58295	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58296	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58297	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58298	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58299	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58300	24 AWG SOLID	6 LAN CAT 6	PVC	YES	EASY TO TERMINATE
MOHAWK	M58280	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE

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MOHAWK	M58281	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58282	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58283	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58284	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58285	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58286	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58287	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58288	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58289	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M58290	24 AWG SOLID	6 LAN CAT 6	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M55988	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56168	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56092	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56093	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56882	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56166	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56072	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56876	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56877	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M56878	24 AWG SOLID	MEGALAN CAT 5E+	PLENUM	YES	EASY TO TERMINATE
MOHAWK	M55989	24 AWG SOLID	MEGALAN CAT 5E+	PVC	YES	EASY TO TERMINATE
MOHAWK	M56167	24 AWG SOLID	MEGALAN CAT 5E+	PVC	YES	EASY TO TERMINATE

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MOHAWK	M56094	24 AWG SOLID	MEGALAN CAT 5E+	PVC	YES	EASY TO TERMINATE
MOHAWK	M56095	24 AWG SOLID	MEGALAN CAT 5E+	PVC	YES	EASY TO TERMINATE
MOHAWK	M56165	24 AWG SOLID	MEGALAN CAT 5E+	PVC	YES	EASY TO TERMINATE
MOHAWK	M57048	24 AWG SOLID	MEGALAN CAT 5E+	PVC	YES	EASY TO TERMINATE
MOHAWK	M56954	24 AWG SOLID	MEGALAN CAT 5E+	PVC	YES	EASY TO TERMINATE
MOHAWK	M56670	24 AWG SOLID	MEGALAN CAT 5E+	PVC	YES	EASY TO TERMINATE
MOHAWK	M57129	24 AWG SOLID	MEGALAN CAT 5E+	PVC	YES	EASY TO TERMINATE
MOHAWK	M56746	24 AWG SOLID	MEGALAN CAT 5E+	PVC	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
BERK TEK	LANMARK-6	23 AWG SOLID	CAT 6	PVC / CMP	YES	EASY TO TERMINATE
SUPERIOR ESSEX	NEXTGAIN	23 AWG SOLID	CAT 6	PVC / CMR	YES	EASY TO TERMINATE
SUPERIOR ESSEX	NEXTGAIN	23 AWG SOLID	CAT 6	PVC / CMP	YES	EASY TO TERMINATE
SUPERIOR ESSEX	DATAGAIN	23 AWG SOLID	CAT 6	LIMITED COMBUSTIBLE	YES	EASY TO TERMINATE
SUPERIOR ESSEX	10 GAIN	22 AWG SOLID	CAT 6A	PVC / CMR	NO	CABLE JACKET OD TOO LARGE = 0.350 INCHES AND THE OD OF THE INDIVIDUAL CONDUCTORS ARE TOO LARGE
AMP NETCONNECT	219560 SERIES	23 AWG SOLID	CAT 6	PVC CMR RISER RATED	NO	THE NOMINAL CONDUCTOR OD DIMENSION IS 0.042 INCHES, WHICH IS TOO LARGE FOR THE CONDUCTORS TO PASS THROUGH THE HOLES AT THE FRONT END OF THE CONNECTOR.