

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	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

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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
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	THIS IS A 10 GIG CABLE AND THE EZ-RJ45 CAT6 CONNECTOR WILL NOT MEET THE REQUIRED SPECS AND IN MOST CASES IF NOT ALL, THE 10 GIG CABLES ARE WAY TOO LARGE TO EVEN CONSIDER TERMINATING WITH A NORMAL TYPE DESIGNED RJ45 CONNECTOR. FOR REFERENCE, THE CABLE JACKET OD = 0.340 INCHES AND THE CONDUCTOR OD = 0.043 - 0.045 INCHES
HITACHI	30222-8	23 AWG SOLID	CAT 6	SUPRA 10G RISER	NO	THIS IS A 10 GIG CABLE AND THE EZ-RJ45 CAT6 CONNECTOR WILL NOT MEET THE REQUIRED SPECS AND IN MOST CASES IF NOT ALL, THE 10 GIG CABLES ARE WAY TOO LARGE TO EVEN CONSIDER TERMINATING WITH A NORMAL TYPE DESIGNED RJ45 CONNECTOR. FOR REFERENCE, THE CABLE JACKET OD = 0.340 INCHES AND THE CONDUCTOR OD = 0.043 - 0.045 INCHES
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

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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
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

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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
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

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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
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

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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
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

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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-10G2 SERIES	23 AWG SOLID	CAT6A	CMR RISER	NO	THIS IS A 10 GIG CABLE AND THE EZ-RJ45 CAT6 CONNECTOR WILL NOT MEET THE REQUIRED SPECS AND IN MOST CASES IF NOT ALL, THE 10 GIG CABLES ARE WAY TOO LARGE TO EVEN CONSIDER TERMINATING WITH A NORMAL TYPE DESIGNED RJ45 CONNECTOR. FOR REFERENCE, THE CABLE JACKET OD = 0.320 INCHES AND THE CONDUCTOR OD = 0.047 INCHES
BERK TEK	LANMARK-10G2 SERIES	23 AWG SOLID	CAT6A	CMP PLENUM	NO	THIS IS A 10 GIG CABLE AND THE EZ-RJ45 CAT6 CONNECTOR WILL NOT MEET THE REQUIRED SPECS AND IN MOST CASES IF NOT ALL, THE 10 GIG CABLES ARE WAY TOO LARGE TO EVEN CONSIDER TERMINATING WITH A NORMAL TYPE DESIGNED RJ45 CONNECTOR. FOR REFERENCE, THE CABLE JACKET OD = 0.300 INCHES AND THE CONDUCTOR OD = 0.044 INCHES
BERK TEK	LANMARK-6 SERIES	23 AWG SOLID	CAT 6	NON-PLENUM CMR RISER	YES	CABLE JACKET OD IS 0.195 INCHES AND THE CONDUCTOR OD IS 0.039 INCHES. WORKS GREAT!
BERK TEK	LANMARK-6 SERIES	23 AWG SOLID	CAT 6	PLENUM CMP	YES	CABLE JACKET OD IS 0.190 INCHES AND THE CONDUCTOR OD IS 0.037 INCHES. WORKS GREAT!
BERK TEK	LANMARK-2000 SERIES	23 AWG SOLID	CAT 6	NON-PLENUM CMR RISER	YES	CABLE JACKET OD IS 0.231 INCHES AND THE CONDUCTOR OD IS 0.039 INCHES. WORKS GREAT!
BERK TEK	LANMARK-2000 SERIES	23 AWG SOLID	CAT 6	PLENUM CMP	YES	CABLE JACKET OD IS 0.220 INCHES AND THE CONDUCTOR OD IS 0.037 INCHES. WORKS GREAT!
BERK TEK	LANMARK-1000 SERIES	23 AWG SOLID	CAT 6	NON-PLENUM CMR RISER	YES	CABLE JACKET OD IS 0.230 INCHES AND THE CONDUCTOR OD IS 0.039 INCHES. WORKS GREAT!

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BERK TEK	LANMARK-1000 SERIES	23 AWG SOLID	CAT 6	PLENUM CMP	YES	CABLE JACKET OD IS 0.226 INCHES AND THE CONDUCTOR OD IS 0.037 INCHES. WORKS GREAT!
SUPERIOR ESSEX	NEXTGAIN SERIES	23 AWG SOLID	CAT 6	PVC / CMR	YES	EASY TO TERMINATE
SUPERIOR ESSEX	NEXTGAIN SERIES	23 AWG SOLID	CAT 6	PVC / CMP	YES	EASY TO TERMINATE
SUPERIOR ESSEX	DATAGAIN SERIES	23 AWG SOLID	CAT 6+	LIMITED COMBUSTIBLE	YES	EASY TO TERMINATE
SUPERIOR ESSEX	10 GAIN SERIES	22 AWG SOLID	CAT 6A	PVC / CMP	NO	THIS IS A 10 GIG CABLE AND THE EZ-RJ45 CAT6 CONNECTOR WILL NOT MEET THE REQUIRED SPECS AND IN MOST CASES, IF NOT ALL, THE 10 GIG CABLES ARE WAY TOO LARGE TO EVEN CONSIDER TERMINATING WITH A NORMAL TYPE DESIGNED RJ45 CONNECTOR. FOR REFERENCE, THE CABLE JACKET OD = 0.320 INCHES AND THE CONDUCTOR OD = 0.043-0.045 INCHES
SUPERIOR ESSEX	10 GAIN SERIES	22 AWG SOLID	CAT 6A	PVC / CMR	NO	THIS IS A 10 GIG CABLE AND THE EZ-RJ45 CAT6 CONNECTOR WILL NOT MEET THE REQUIRED SPECS AND IN MOST CASES, IF NOT ALL, THE 10 GIG CABLES ARE WAY TOO LARGE TO EVEN CONSIDER TERMINATING WITH A NORMAL TYPE DESIGNED RJ45 CONNECTOR. FOR REFERENCE, THE CABLE JACKET OD = 0.350 INCHES AND THE CONDUCTOR OD = 0.043-0.045 INCHES
SUPERIOR ESSEX	6S-220-XA	23 AWG SOLID	CAT 6A STP U/FTP	PVC RISER	NO	THIS IS A 10 GIG CABLE AND THE EZ-RJ45 CAT6 CONNECTOR WILL NOT MEET THE REQUIRED SPECS AND IN MOST CASES, IF NOT ALL, THE 10 GIG CABLES ARE WAY TOO LARGE TO EVEN CONSIDER TERMINATING WITH A NORMAL TYPE DESIGNED RJ45 CONNECTOR. FOR REFERENCE, THE CABLE JACKET OD = 0.310 INCHES AND THE CONDUCTOR OD = 0.042-0.045 INCHES
SUPERIOR ESSEX	6S-220-XB	23 AWG SOLID	CAT 6A STP U/FTP	PLENUM LOW SMOKE GRADE PVC	NO	THIS IS A 10 GIG CABLE AND THE EZ-RJ45 CAT6 CONNECTOR WILL NOT MEET THE REQUIRED SPECS AND IN MOST CASES, IF NOT ALL, THE 10 GIG CABLES ARE WAY TOO LARGE TO EVEN CONSIDER TERMINATING WITH A NORMAL TYPE DESIGNED RJ45 CONNECTOR. FOR REFERENCE, THE CABLE JACKET OD = 0.290 INCHES AND THE CONDUCTOR OD = 0.042-0.045 INCHES
AMP NETCONNECT	219560 SERIES	23 AWG SOLID	CAT 6	PVC CMR RISER RATED	YES (AND SOMETIMES, MAYBE 'NO') SEE NEXT COLUMN.	THE PAPER/PRINTED SPEC IS REFERENCED THE OD OF THE CONDUCTORS AS 0.042 INCHES NOMINAL WHICH WOULD NOT WORK SINCE THE HOLES IN THE END OF THE CONNECTOR ARE 0.040 INCHES.....BUT....IN THE REAL WORLD, THE SAMPLE OF THIS CABLE USED FOR TESTING, WORKS. AS FOR THE CABLE JACKET OD, IT WORKS GREAT, ONLY 0.230 INCHES!
AMP NETCONNECT	219567 SERIES	23 AWG SOLID	CAT 6	FR PVC CMP PLENUM RATED	YES	CABLE JACKET OD IS 0.230 INCHES, WHICH WORKS GREAT AND THE OD OF THE CONDUCTORS IS 0.040 INCHES WHICH IS A 'GO'

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AMP NETCONNECT	1499389 SERIES	23 AWG SOLID	CAT 6A FTP	PVC CMR RISER RATED	NO	BOTH THE CABLE JACKET OD(0.300 INCHES) AND THE CONDUCTOR OD (0.044 INCHES) ARE TOO LARGE
AMP NETCONNECT	1499416 SERIES	23 AWG SOLID	CAT 6A FTP	FR PVC CMP PLENUM RATED	NO	BOTH THE CABLE JACKET OD(0.300 INCHES) AND THE CONDUCTOR OD (0.044 INCHES) ARE TOO LARGE
AMP NETCONNECT	1499033 SERIES	23 AWG SOLID	CAT 6E UTP	PVC CMR RISER RATED	YES	CABLE JACKET OD IS 0.250 INCHES, WHICH WORKS GREAT AND THE OD OF THE CONDUCTORS IS 0.040 INCHES WHICH IS A 'GO'
AMP NETCONNECT	1499038 SERIES	23 AWG SOLID	CAT 6A UTP	FEP CMP PLENUM ATED	YES (AND SOMETIMES, MAYBE 'NO') SEE NEXT COLUMN.	THE PAPER/PRINTED SPEC IS REFERENCED THE OD OF THE CONDUCTORS AS 0.042 INCHES NOMINAL WHICH WOULD NOT WORK SINCE THE HOLES IN THE END OF THE CONNECTOR ARE 0.040 INCHES..... BUTIN THE REAL WORLD, THE SAMPLE OF THIS CABLE USED FOR TESTING, WORKS. AS FOR THE CABLE JACKET OD, IT WORKS GREAT, ONLY 0.250 INCHES!
CCI COLEMAN CABLE	97272	23 AWG SOLID	CAT 6	CMR RISER	YES	CABLE JACKET OD IS 0.230 INCHES WITH A CONDUCTOR OD OF 0.042 INCHES. NOTE = BE SURE TO COMB OUT ALL THE KINKS SO ALL 8 CONDUCTORS LIE SIDE BY SIDE WITHOUT ANY GAPS!
CCI COLEMAN CABLE	977964	23 AWG SOLID	CAT 6	CMP PLENUM	YES	CABLE JACKET OD IS 0.210 INCHES WITH A CONDUCTOR OD OF 0.040 INCHES.
GENERAL CABLE	GEN SPEED 6000 SERIES	23 AWG SOLID	CAT 6	OUTSIDE PLANT TYPE CABLE BLK UV RESISTNT	YES	THE CABLE JACKET OD IS ONLY 0.230 INCHES.
GENERAL CABLE	GEN SPEED 6600 SERIES	23 AWG SOLID	CAT 6	NON-PLENUM CMR RISER	???	THE CABLE JACKET OD IS 0.260 INCHES AND THAT WILL WORK BUT I HAVE NO SPECS TO CALCULATE THE OD OF THE CONDUCTORS OR AN ACTUAL SAMPLE TO DO A REAL WORLD TEST, SO I HAVE TO USE ???
GENERAL CABLE	GEN SPEED 6600 SERIES	23 AWG SOLID	CAT 6	PLENUM CMP	???	THE CABLE JACKET OD IS 0.250 INCHES AND THAT WILL WORK BUT I HAVE NO SPECS TO CALCULATE THE OD OF THE CONDUCTORS OR AN ACTUAL SAMPLE TO DO A REAL WORLD TEST, SO I HAVE TO USE ???
GENERAL CABLE	GEN SPEED 6000 SERIES	23 AWG SOLID	ENHANCE D CAT 6+	NON-PLENUM CMR RISER	YES	CABLE JACKET OD IS 0.235 INCHES. WORKS GREAT!
GENERAL CABLE	GEN SPEED 6000 SERIES	23 AWG SOLID	ENHANCE D CAT 6+	PLENUM CMP	YES	CABLE JACKET OD IS 0.225 INCHES. WORKS GREAT!
GENERAL CABLE	GEN SPEED 6500 SERIES	23 AWG SOLID	CAT 6+	NON-PLENUM CMR RISER	YES	CABLE JACKET OD IS 0.248 INCHES. I DO NOT HAVE THE SPECS TO DETERMINE THE CONDUCTOR OD BUT BASED ON WHAT I DO HAVE, SHOULD WORK FINE. IMPORTANT TO COMB OUT ALL THE TWISTS, MAKING SURE ALL 8 CONDUCTORS LIE SIDE BY SIDE WITH NO GAPS.
GENERAL CABLE	GEN SPEED 6500 SERIES	23 AWG SOLID	CAT 6+	PLENUM CMP	YES	CABLE JACKET OD IS 0.248 INCHES. I DO NOT HAVE THE SPECS TO DETERMINE THE CONDUCTOR OD BUT BASED ON WHAT I DO HAVE, SHOULD WORK FINE. IMPORTANT TO COMB OUT ALL THE TWISTS, MAKING SURE ALL 8 CONDUCTORS LIE SIDE BY SIDE WITH NO GAPS.

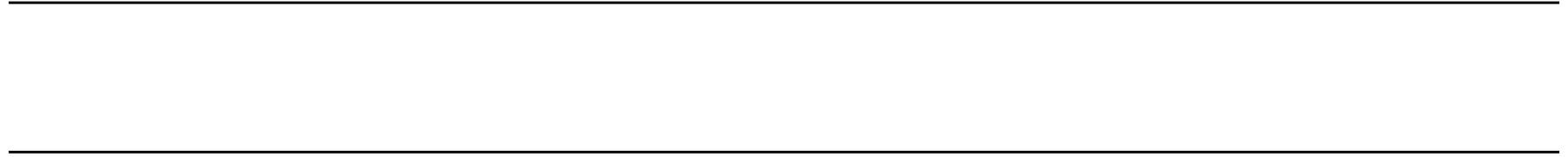
Platinum Tools, Inc.
EZ-RJ45 Connector
Cable Compatibility

Test Results
Cat 6 Cable and Other Application Specific Cables

ALPHA WIRE	9604R	23 AWG SOLID	CAT 6	RISER CMR	YES	THE CABLE JACKET OD IS 0.235 INCHES AND THE CONDUCTOR OD IS 0.038 INCHES.
ALPHA WIRE	9604F	23 AWG SOLID	CAT 6	PLENUM CMP	YES	THE CABLE JACKET OD IS 0.224 INCHES AND THE CONDUCTOR OD IS 0.035 INCHES.

Platinum Tools, Inc.
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Cable Compatibility

Test Results
Cat 6 Cable and Other Application Specific Cables



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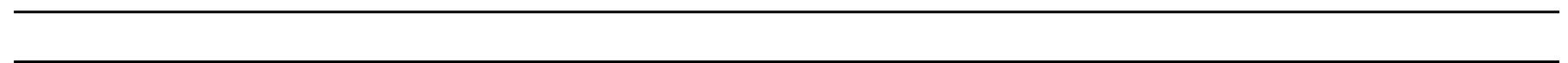
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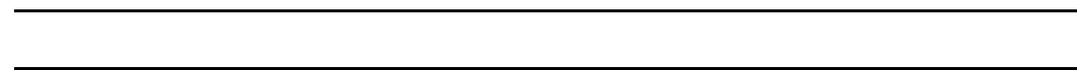
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