

# COAXIAL CABLES - Connector Specifications

## MSW-CX10-32 COAXIAL CONNECTOR SPECIFICATIONS

MATERIALS	ELECTRICAL	ENVIRONMENTAL
SHELL: Brass per ASTM-B-16	DIELECTRIC WITHSTANDING	TEMP RANGE: -62C to +200C
INSULATOR: PTFE per ASTM-G-1710	VOLTAGE: 1000V RMS.	VIBRATION: Per MIL-STD-202, Method 204-B
PIN CONTACT : Brass per ASTM-B-16	CONTACT RESISTANCE: 3 milliohms max DC	SHOCK: Per MIL-STD-202, Method 213-H
SOCKET CONTACT: Beryllium Copper per ASTM-B-196	CURRENT CAPACITY: 3 amps, DC	THERMAL SHOCK: Per MIL-STD-202, Method 107-B
O-Ring, Boot: Silicone per ZZ-R-765	INSULATION RESISTANCE: 5 X 10(3) Megohms min - 500V,DC	Moisture Resistance: Per MIL-STD-202 Method 106
PLATING	VSWR: Typical 50 Ohm , 1.2 max to 2 GHz	SALT SPRAY: Per MIL-STD-202, Method 101-B
CONTACT: Gold per MIL-G-45204	MECHANICAL	
SHELL: Gold per MIL-G-45204	CABLE RETENTION: 15 lbs min RECOMMENDED	
	COUPLING TORQUE: 8 inch/lbs max	

## MSW-CX544 COAXIAL CONNECTOR SPECIFICATIONS

MATERIALS	ELECTRICAL	ENVIRONMENTAL
SHELL: Brass per ASTM-B-16	DIELECTRIC WITHSTANDING	TEMP RANGE: -62C to +200C
INSULATOR: PTFE per ASTM-G-1710	VOLTAGE: 450 V RMS.	VIBRATION: Per MIL-STD-202, Method 204-B
PIN CONTACT : Brass per ASTM-B-16	CONTACT RESISTANCE: 8 milliohms max DC	SHOCK: Per MIL-STD-202, Method 213-H
SOCKET CONTACT: Beryllium Copper per ASTM-B-196	CURRENT CAPACITY: 3 amps, DC	THERMAL SHOCK: Per MIL-STD-202, Method 107-B
O-Ring, Boot: Silicone per ZZ-R-765	INSULATION RESISTANCE: 10(4) Megohms min - 500V,DC	MOISTURE RESISTANCE: Per MIL-STD-202 Method 106
PLATING	VSWR: Typical 50 Ohm , 1.2 max to 2 GHz	SALT SPRAY: Per MIL-STD-202, Method 101-B
CONTACT: Gold per MIL-G-45204	MECHANICAL	
SHELL: Gold per MIL-G-45204	CABLE RETENTION: 10 lbs min RECOMMENDED	
	COUPLING TORQUE: 24 inch/oz maX	

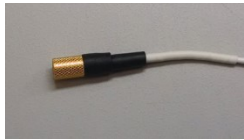
## MSW-BNC COAXIAL CONNECTOR SPECIFICATIONS

MATERIALS	ELECTRICAL	ENVIRONMENTAL
SHELL: Brass per ASTM-B-16	DIELECTRIC WITHSTANDING	TEMP RANGE: -62C to +165C
INSULATOR: PTFE per ASTM-G-1710	VOLTAGE: 1500V RMS.	VIBRATION: Per MIL-STD-202, Method 204-B
PIN CONTACT : Brass per ASTM-B-16	CONTACT RESISTANCE: 1.53 milliohms max DC	SHOCK: Per MIL-STD-202, Method 213-H
SOCKET CONTACT: Beryllium Copper per ASTM-B-196	CURRENT CAPACITY: 3 amps, DC	THERMAL SHOCK: Per MIL-STD-202, Method 107-B
O-Ring, Boot: Silicone per ZZ-R-765	INSULATION RESISTANCE: 5000 Megohms min - 500V,DC	MOISTURE RESISTANCE: Per MIL-STD-202 Method 106
PLATING	VSWR: Typical 50 Ohm , 1.3 max to 2 GHz	SALT SPRAY: Per MIL-STD-202, Method 101-B
CONTACT: Gold per MIL-G-45204	MECHANICAL	
SHELL: Electroless Nickel	CABLE RETENTION: 20 lbs min RECOMMENDED	
	COUPLING TORQUE: 12 inch/lbs max	

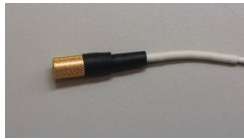
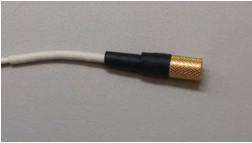
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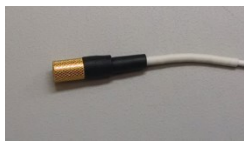
# COAXIAL CABLES



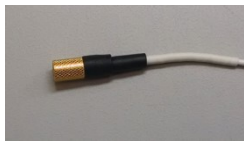
10-32 MALE PLUG	TO	10-32 MALE PLUG
	RG178, RG196A/U	
P5026-3-178	P5026-6-178	P5026-12-178
P5026-3-196	P5026-6-196	P5026-12-196



10-32 MALE PLUG	TO	10-32 MALE PLUG
	RG174, RG316, RG188	
P5048-3-174	P5048-6-174	P5048-12-174
P5048-3-316	P5048-6-316	P5048-12-316
P5048-3-188	P5048-6-188	P5048-12-188



10-32 MALE PLUG	TO	10-32 90 DEG. MALE PLUG
	RG178, RG196A/U	
P5043-3-178	P5043-6-178	P5043-12-178
P5043-3-196	P5043-6-196	P5043-12-196



10-32 MALE PLUG	TO	10-32 90 DEG MALE PLUG
	RG174, RG316, RG188	
P5100-3-174	P5100-6-174	P5100-12-174
P5100-3-316	P5100-6-316	P5100-12-316
P5100-3-188	P5100-6-188	P5100-12-188



10-32 90 DEG MALE PLUG	TO	10-32 90 DEG. MALE PLUG
	RG178, RG196A/U	
P5101-3-178	P5101-6-178	P5101-12-178
P5101-3-196	P5101-6-196	P5101-12-196



10-32 90 DEG MALE PLUG	TO	10-32 90 DEG. MALE PLUG
	RG174, RG316, RG188	
P5102-3-174	P5102-6-174	P5102-12-174
P5102-3-316	P5102-6-316	P5102-12-316
P5102-3-188	P5102-6-188	P5102-12-188



STANDARD LENGTHS SHOWN - 3 FOOT, 6 FOOT, 12 FOOT - CONTACT FACTORY FOR NON-STANDARD LENGTHS  
 ALL STANDARD CABLES ARE NORMALLY STOCK OR "STOCK TO BUILD"  
 10-32 AND 5-44 CONNECTORS ARE INTERMATEABLE AND INTERCHANGEABLE WITH TE / MALCO-MICRODOT CONNECTORS  
 CONTACT FACTORY FOR ANY CABLE / CONNECTOR COMBINATIONS NOT SHOWN

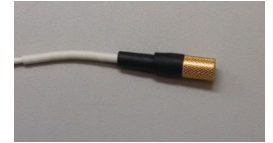
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# COAXIAL CABLES



10-32 FEMALE RECEPTACLE TO 10-32 MALE PLUG  
 RG178, RG196A/U  
 P5103-3-178 P5103-6-178 P5103-12-178  
 P5103-3-196 P5103-6-196 P5103-12-196



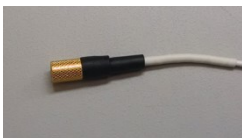
10-32 FEMALE RECEPTACLE TO 10-32 MALE PLUG  
 RG174, RG316, RG188  
 P5104-3-174 P5104-6-174 P5104-12-174  
 P5104-3-316 P5104-6-316 P5104-12-316  
 P5104-3-188 P5104-6-188 P5104-12-188



10-32 FEMALE BULKHEAD RECEPT TO 10-32 MALE PLUG  
 RG178, RG196A/U  
 P5105-3-178 P5105-6-178 P5105-12-178  
 P5105-3-196 P5105-6-196 P5105-12-196



10-32 FEMALE BULKHEAD RECEPT TO 10-32 MALE PLUG  
 RG174, RG316, RG188  
 P5106-3-174 P5106-6-174 P5106-12-174  
 P5106-3-316 P5106-6-316 P5106-12-316  
 P5106-3-188 P5106-6-188 P5106-12-188



10-32 MALE PLUG TO BNC MALE PLUG  
 RG178, RG196A/U  
 P5023-3-178 P5023-6-178 P5023-12-178  
 P5023-3-196 P5023-6-196 P5023-12-196



10-32 MALE PLUG TO BNC MALE PLUG  
 RG174, RG316, RG188  
 P5046-3-174 P5046-6-174 P5046-12-174  
 P5046-3-316 P5046-6-316 P5046-12-316  
 P5046-3-188 P5046-6-188 P5046-12-188



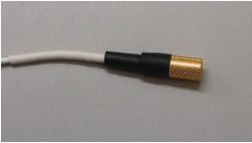
STANDARD LENGTHS SHOWN - 3 FOOT, 6 FOOT, 12 FOOT - CONTACT FACTORY FOR NON-STANDARD LENGTHS  
 ALL STANDARD CABLES ARE NORMALLY STOCK OR "STOCK TO BUILD"  
 10-32 AND 5-44 CONNECTORS ARE INTERMATEABLE AND INTERCHANGEABLE WITH TE / MALCO-MICRODOT CONNECTORS  
 CONTACT FACTORY FOR ANY CABLE / CONNECTOR COMBINATIONS NOT SHOWN

# COAXIAL CABLES



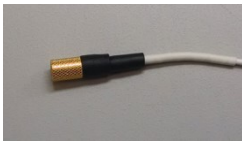
5-44 MALE PLUG TO 10-32 MALE PLUG  
 RG178, RG196A/U

P5001-3-178	P5001-6-178	P5001-12-178
P5001-3-196	P5001-6-196	P5001-12-196



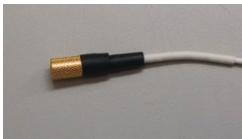
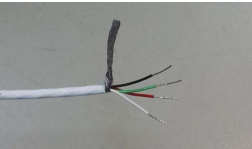
5-44 MALE PLUG TO BNC MALE PLUG  
 RG178, RG196A/U

P5040-3-178	P5040-6-178	P5040-12-178
P5040-3-196	P5040-6-196	P5040-12-196



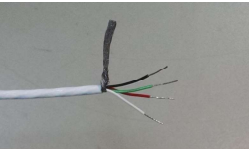
10-32 MALE PLUG TO PIGTAIL  
 RG178, RG196A/U

P5041-3-178	P5041-6-178	P5041-12-178
P5041-3-196	P5041-6-196	P5041-12-196



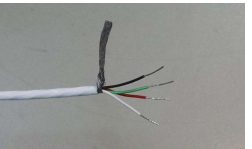
10-32 MALE PLUG TO PIGTAIL  
 RG174, RG316, RG188

P5107-3-174	P5107-6-174	P5107-12-174
P5107-3-316	P5107-6-316	P5107-12-316
P5107-3-188	P5107-6-188	P5107-12-188



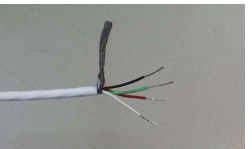
5-44 MALE PLUG TO PIGTAIL  
 RG178, RG196A/U

P5116-3-178	P5116-6-178	P5116-12-178
P5116-3-196	P5116-6-196	P5116-12-196



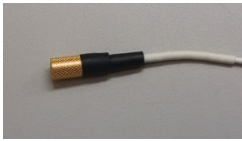
10-32 90 DEG MALE PLUG TO PIGTAIL  
 RG174, RG316, RG188

P5117-3-174	P5117-6-174	P5117-12-174
P5117-3-316	P5117-6-316	P5117-12-316
P5117-3-188	P5117-6-188	P5117-12-188

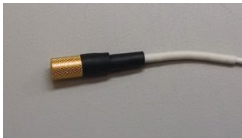


STANDARD LENGTHS SHOWN - 3 FOOT, 6 FOOT, 12 FOOT - CONTACT FACTORY FOR NON-STANDARD LENGTHS  
 ALL STANDARD CABLES ARE NORMALLY STOCK OR "STOCK TO BUILD"  
 10-32 AND 5-44 CONNECTORS ARE INTERMATEABLE AND INTERCHANGEABLE WITH TE / MALCO-MICRODOT CONNECTORS  
 CONTACT FACTORY FOR ANY CABLE / CONNECTOR COMBINATIONS NOT SHOWN

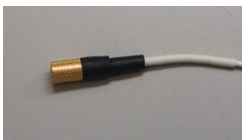
# COAXIAL CABLES - LOW NOISE



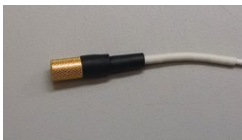
10-32 MALE PLUG TO 10-32 MALE PLUG  
RG196A/U LOW NOISE  
P5049-3-196LN P5049-6-196LN P5049-12-196LN



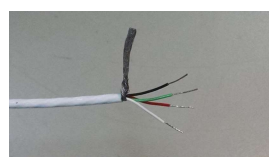
10-32 MALE PLUG TO 10-32 90 DEG MALE PLUG  
RG196A/U LOW NOISE  
P5108-3-196LN P5108-6-196LN P5108-12-196LN



10-32 MALE PLUG TO BNC MALE PLUG  
RG196A/U LOW NOISE  
P5034-3-196LN P5034-6-196LN P5034-12-196LN



10-32 MALE PLUG TO PIGTAIL  
RG196A/U LOW NOISE  
P5027-3-196LN P5027-6-196LN P5027-12-196LN



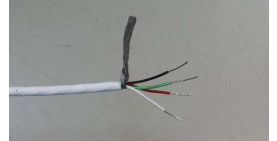
5-44 MALE PLUG TO 10-32 MALE PLUG  
RG196A/U LOW NOISE  
P5028-3-196LN P5028-6-196LN P5028-12-196LN



5-44 MALE PLUG TO BNC MALE PLUG  
RG196A/U LOW NOISE  
P5030-3-196LN P5030-6-196LN P5030-12-196LN

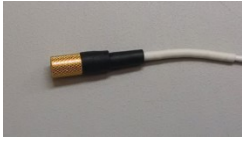


5-44 MALE PLUG TO PIGTAIL  
RG196A/U LOW NOISE  
P5031-3-196LN P5031-6-196LN P5031-12-196LN

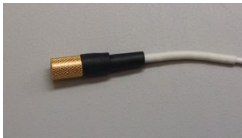


STANDARD LENGTHS SHOWN - 3 FOOT, 6 FOOT, 12 FOOT - CONTACT FACTORY FOR NON-STANDARD LENGTHS  
ALL STANDARD CABLES ARE NORMALLY STOCK OR "STOCK TO BUILD"  
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CONTACT FACTORY FOR ANY CABLE / CONNECTOR COMBINATIONS NOT SHOWN

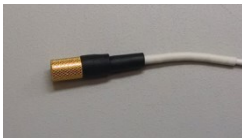
# COAXIAL CABLES - LOW NOISE



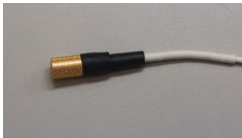
10-32 MALE PLUG TO 10-32 MALE PLUG  
 RG174 LOW NOISE  
 P5109-3-174LN P5109-6-174LN P5109-12-174LN



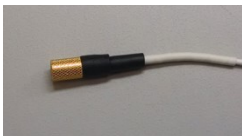
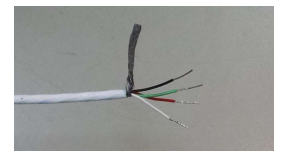
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 RG174 LOW NOISE  
 P5110-3-174LN P5110-6-174LN P5110-12-174LN



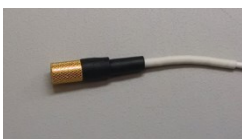
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 RG174 LOW NOISE  
 P5111-3-174LN P5111-6-174LN P5111-12-174LN



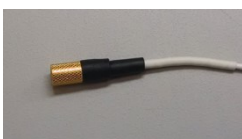
10-32 MALE PLUG TO PIGTAIL  
 RG174 LOW NOISE  
 P5112-3-174LN P5112-6-174LN P5112-12-174LN



10-32 MALE PLUG TO 10-32 MALE PLUG  
 RG188 LOW NOISE  
 P5113-3-188LN P5113-6-188LN P5113-12-188LN



10-32 MALE PLUG TO 10-32 90 DEG MALE PLUG  
 RG188 LOW NOISE  
 P5114-3-188LN P5114-6-188LN P5114-12-188LN



10-32 MALE PLUG TO BNC MALE PLUG  
 RG188 LOW NOISE  
 P5115-3-188LN P5115-6-188LN P5115-12-188LN



STANDARD LENGTHS SHOWN - 3 FOOT, 6 FOOT, 12 FOOT - CONTACT FACTORY FOR NON-STANDARD LENGTHS  
 ALL STANDARD CABLES ARE NORMALLY STOCK OR "STOCK TO BUILD"  
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