





Connectors

No.	Connector Type	Pins	Compatible Cable Diameter	Materials	Temperature Range
4P-1	1/4-28 UNF plug	4	Nom. 2.5mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Peek	-70°C to +260°C
4S-1	1/4-28 UNF socket	4	Nom. 2.5mm	Body: Brass, nickel plated Contact socket: Brass, gold plated Insulator: Peek	-70°C to +260°C
4S-2	8-36 UNF socket	4	Nom 1.2mm	Body: Brass (gold plated) Contact socket: Brass (gold plated) Insulator: Peek	
BCI	BNC crimp plug	1	Less than or equal to 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Delrin	-65°C to +165°C
BCILG	BNC crimp plug (low outgassing)	1	Less than or equal to 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Delrin	-65°C to +165°C

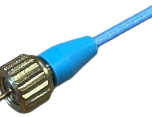


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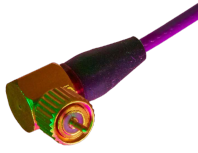
No.	Connector Type	Pins	Compatible Cable Diameter	Materials	Temperature Range	
BC3	BNC crimp plug	1	Greater than 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Delrin	-65°C to +165°C	
BCRI	BNC crimp plug (right angled)	1	Greater than 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Delrin	-65°C to +165°C	
BS1	BNC crimp socket	1	Less than or equal to 3.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Delrin	-65°C to +165°C	
BS3	BNC crimp socket	1	Greater than 3.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Delrin	-65°C to +165°C	

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KP	M3.5 plug	1	Nom. 1.0mm	Body: Brass (gold plated) Contact pin: Brass (gold plated) Insulator: Peek	-70°C to +260°C
KPLG	M3.5 plug (low outgassing)	1	Nom. 1.0mm	Body: Brass (gold plated) Contact pin: Brass (gold plated) Insulator: Peek	-70°C to +260°C
KP5	M3.5 plug with 5-44 UNC threaded kurl nut	1	Nom. 1.0mm	Body: Brass (gold plated) Contact pin: Brass (gold plated) Insulator: Peek	-70°C to +260°C
M1	10-32 UNF microdot plug	1	Nom. 1.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Peek	-70°C to +260°C
M5	M5 microdot plug	1	Nom. 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Peek	-55°C to +260°C



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MIL-C-5015	5/8"-24 UNEF Military Standard	2 pole		Body: Aluminum/olive green cadmium plated Contact pin: Copper alloy (silver plated) Insulator: Neoprene	-55°C to +150°C	
MP2	10-32 UNF microdot plug	1	Nom. 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Peek	-70°C to +260°C	
MP2LG	10-32 UNF microdot plug (low outgassing)	1	Nom. 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Peek	-70°C to +260°C	
MP2 (HEX)	10-32 UNF microdot plug (hexagon)	1	Nom. 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Peek	-70°C to +260°C	
MR2	10-32 UNF microdot plug (right angled)	1	Nom. 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Peek	-70°C to +260°C	

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No.	Connector Type	Pins	Compatible Cable Diameter	Materials	Temperature Range	Electrical
MS1	10-32 UNF microdot socket	1	Nom. 1.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Peek		
MS2	10-32 UNF microdot socket	1	Nom. 1.8mm			
SMA/RG174	Straight plug	1	1.52mm (+/- 0.04mm) (RG174)	Body: Brass (gold plated) Contact pin: Brass (gold plated) Insulator: Teflon		Impedance: 50Ω Insulation Resistance:
SMA/RG178	Straight plug	1	0.84mm (+/- 0.04mm) (RG178)	Body: Beryllium copper (gold plated) Contact pin: Beryllium copper (gold plated) Insulator: PFA/PTFE	-65°C to +165°C	Impedance: 50Ω Insulation Resistance:
SMB	SMB straight plug crimp male pin	1	1.52mm (+/- 0.04mm) (RG174)	Body: Brass (gold plated) Contact pin: Brass (gold plated) Insulator: Teflon		



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No.	Connector Type	Pins	Compatible Cable Diameter	Materials	Temperature Range	Electrical	
SMBS	SMB crimp plug female socket	1	1.52mm (+/- 0.04mm) (RG174)	Body: Brass (nickel plated) Contact pin: Beryllium copper (gold plated) Insulator: Teflon	-65°C to +165°C	Impedance: 50Ω Insulation Resistance:	
SMC	SMB crimp plug	1	1.52mm (+/- 0.04mm) (RG174)	Body: Brass (nickel plated) Contact pin: Beryllium copper (gold plated) Insulator: Teflon			
TCI	TNC plug	1	Nom. 2.0mm	Body: Brass (nickel plated) Contact pin: Brass (gold plated) Insulator: Delrin	-55°C to +160°C	Impedance: 50Ω Insulation Resistance:	
TRHB	TNC plug (right angled)	1		Body: Nickel Contact pin: Beryllium Copper Insulator:	-65°C to +160°C	Impedance: 50Ω Insulation Resistance:	

Connectors

Cable/Connector Compatibility

Connector Part No.	Cable Part No.								
	T10	T18	T23	S11	S18	S28	S51	ET25	ET25-LN
4F								✓	✓
4P-1								✓	✓
4S-1								✓	✓
4S-2								✓	✓
BC1	✓	✓		✓	✓	✓			
BC1LG	✓	✓			✓				
BC3						✓	✓		
BCR1	✓	✓		✓	✓	✓	✓		
BS1	✓	✓		✓	✓	✓			
BS3							✓		
HR		✓			✓	✓	✓		
KP	✓			✓					
KPLG	✓								
KP5	✓			✓					
M1	✓			✓					
M5		✓			✓	✓			
MIL-C-5015			✓						
MP2		✓			✓	✓			
MP2LG		✓			✓				
MP2(HEX)		✓			✓	✓			
MR2		✓			✓	✓			
MS1	✓			✓					
MS2		✓			✓	✓			
SMA/RG174		✓			✓				
SMA/RG178		✓			✓				
SMB		✓			✓	✓			
SMBS		✓			✓	✓			
SMC		✓			✓				
TC1	✓	✓		✓	✓	✓			
TRHB	✓	✓		✓	✓	✓			