



# RJ45 ETHERNET AND USB 2.0 Material and Finish Options For SuperSeal™ connectors



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**MIL-DTL-38999 Connector and Cable Assembly Material and Finish Codes**

Code	Material	Finish	Finish Specification	Hrs. Salt Spray	Electrical Conductivity	Operating Temp. Range	RoHS Compliance
ME	Aluminum	Electroless Nickel	MIL-DTL-24308 Class K	96	Yes		Yes
MT	Aluminum	Nickel PTFE	SAE AMS2454	500	Yes	-65° to +175°C	Yes
NF	Aluminum	Cadmium, Olive Drab	SAE-AMS-QQ-P-416 Type II Class 2 over electroless nickel	500	Yes	-65 to +175°C	No
ZR	Aluminum	Zinc-Nickel, Black	ASTM B841 Grade 5 over electroless nickel	500	Yes	-65 to +175°C	Yes

**Glenair Series ITS (5015 Intermountable) Material and Finish Codes**

Code	Material	Finish	Hrs. Salt Spray	Electrical Conductivity	Operating Temp. Range	RoHS Compliance
F6	Aluminum	Black Epoxy Paint	500	No	-55° to +125°C	Yes
F7	Aluminum	Black Zinc Nickel	500	Yes	-55° to +125°C	Yes
F11	Aluminum	Electroless Nickel	48	Yes	-55° to +125°C	Yes
G3	Aluminum	Cadmium, Olive Drab	500	Yes	-55° to +125°C	No

**Glenair Series IPT (IAW MIL-DTL-26482) Material and Finish Codes**

Code	Material	Finish	Hrs. Salt Spray	Electrical Conductivity	Operating Temp. Range	RoHS Compliance
F6	Aluminum	Black Epoxy Paint	500	No	-55° to +125°C	Yes
F7	Aluminum	Black Zinc Nickel	500	Yes	-55° to +125°C	Yes
F11	Aluminum	Electroless Nickel	48	Yes	-55° to +125°C	Yes
G3	Aluminum	Cadmium, Olive Drab	500	Yes	-55° to +125°C	No

**MIL-DTL-28840 Material and Finish Options**

Code	Material	Finish	Finish Specification	Hrs. Salt Spray	Electrical Conductivity	Operating Temp. Range	RoHS Compliance
NF	Aluminum	Cadmium, Olive Drab	SAE-AMS-QQ-P-416	500	Yes	-65 to +175°C	No
ZR	Aluminum	Zinc-Nickel, Black	ASTM B841	500	Yes	-65 to +175°C	Yes
MT	Aluminum	Nickel-PTFE, 1000 Hour Grey™	AMS2454	1000	Yes	-65 to +175°C	Yes
Z1	Stainless Steel	Passivate	SAE-AMS-QQ-P-35	1000	Yes	-65 to +200°C	Yes

**Series 80 Mighty Mouse Material and Finish Codes**

Code	Material	Finish	Finish Specification	Hrs. Salt Spray	Electrical Conductivity	Operating Temp. Range	RoHS Compliance
M	Aluminum	Electroless Nickel	AMS-C-26074	48	Yes	-65 to +200°C	Yes
MT	Aluminum	Nickel-PTFE	SAE AMS2454	500	Yes	-65 to +175°C	Yes
NF	Aluminum	Cadmium, Olive Drab	SAE-AMS-QQ-P-416	500	Yes	-65 to +175°C	No
ZNU	Aluminum	Zinc-Nickel, Black	ASTM B841	500	Yes	-65 to +175°C	No
Z1	Stainless Steel	Passivate	SAE-AMS-QQ-P-35	1000	Yes	-65 to +200°C	Yes