Selecting Material and Finish

To ensure optimum compatibility, select the adaptor material and finish to match those of the connector, using the tables below.

Modern circular connectors are manufactured from aluminium with a black zinc nickel Cadmium free plating and are RoHS compliant.

Material Codes

Material Description	Material Code Solid, Spin-Coupling & Shielded Adaptors	Tinel-Lock Adaptors	Typical Applications
Aluminium alloy	19	A	Standard material for normal applications
Stainless steel	62	S	Corrosion-resistant and high-temperature (firewall) applications.
Nickel aluminium bronze	01	B	Exposed marine environments

Other materials available on request.

Finish Codes

Finish Description	Colour	Finish Code	Typical Applications
Cadmium, per SAE AMS-QQ-P-416, Type II, Class 3. Over electroless nickel (500 hr salt spray).	Olive drab	B	Corrosion resistance for exposed environments.
Electroless nickel per SAE AMS-C-26074, Class 4, Grade B.	Bright Silver	C	High conductivity for optimum screening performance.
Anodised, hard, per MIL-A-8625, Type III, Class 2	Black	G	Non-conductive finish for aluminium adaptors.
Passivated, per SAE AMS-QQ-P-35 or MIL-S-5002	-	J	Surface treatment for corrosion resistant steel.
Zinc Cobalt over Electroless Nickel	Olive Drab	U	Marine applications and RoHS compliant
Unplated, shotblast - Glass Bead	-	W	Non reflective finish for nickel aluminium bronze adaptors.
Zinc Nickel per ASTM B841	Black	Z	Cadmium free plating for Military ground systems. RoHS compliant

Other finishes available on request.