

RJF

MAIN CHARACTERISTICS

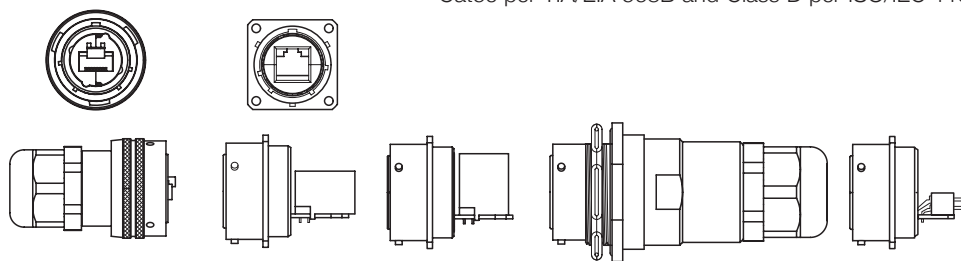
- Compliant with IEC 60603-7 variant 11
- Bayonet coupling ("audible & visual" coupling signal)
- Robust metallic shells based on MIL-DTL-26482H
- RJ45 cordset retention in the plug: 100 N in the axis
- Mating cycles: 500 min.
- Sealed against fluids and dust (IP68)
- Shock, vibration and traction-resistant
- No cabling operation in-field and no tools required
- Mechanical coding / polarization (4 positions)
- Compatible with cable diameters from 0.236 in. (6 mm) to 0.512 in. (13.0 mm)

ENVIRONMENTAL PROTECTION

- Sealing: IP68
- Salt spray: 48-hour with nickel-plating > 96-hour with black coating > 500-hour with olive drab cadmium
- Fire-retardant/low-smoke: UL94 V0 and NF F 16 101 & 16 102
- Vibrations: 10 – 500 Hz, 10 g, 3 axes: no discontinuity > 10 nano s.
- Shocks: IK06; weight of 250 g drop from 15.75" (40 cm) onto connectors (mated pair)
- Humidity: 21 days, 109.4°F (43°C), 98% humidity
- Thermal shock: 5 cycles at -40°F to +212°F (-40°C to +100°C)
- Operating temperature: -40°F to +185°F (-40°C to +85°C)

DATA TRANSMISSION

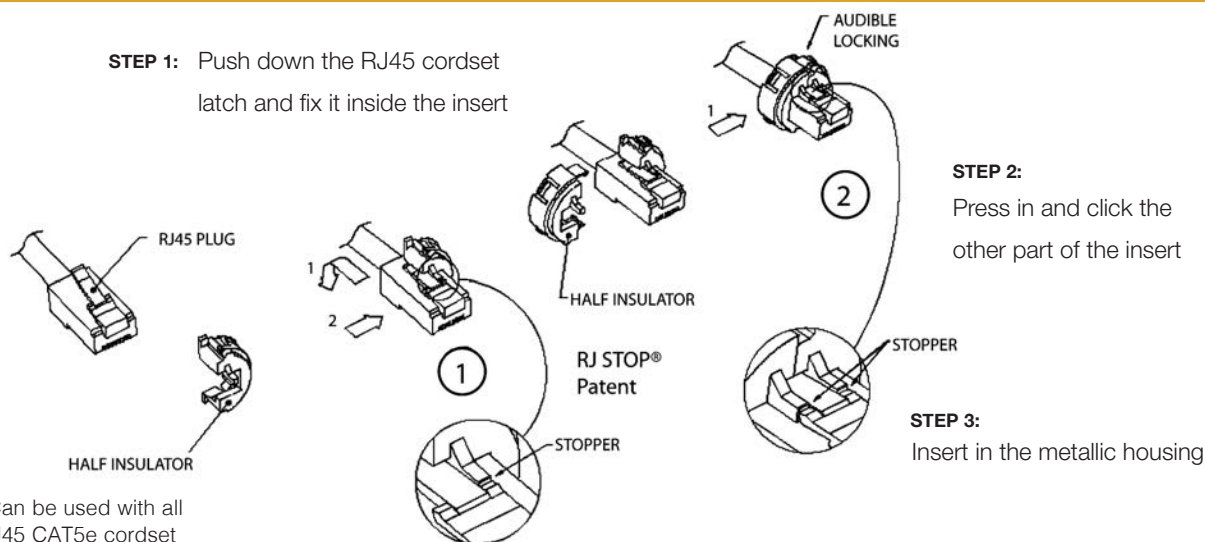
10 Base-T, 100 Base-TX, and 1000 Base-T networks
Cat5e per TIA/EIA 568B and Class D per ISO/IEC 11801



PLATING	PLUGS		RECEPTACLES							
	CABLE GLANDS		STANDARD BOX MOUNT	CORDSET BOX MOUNT	RIGHT ANGLE FEMALE RJ45	INLINE CABLE MOUNT		PC TAILS RECEPTACLES	CABLE GLANDS	
	PLASTIC	METAL				PLASTIC	METAL		PLASTIC	METAL
Black-Anodized	RJF6B	RJF6MB	RJF21B	RJF22B**100BTX	RJF21RAB	RJF2PEWF1B	RJF2PEMWF1B	RJF2SA5B	RJF2PE1B	RJF2PEM1B
Nickel	RJF6N	RJF6MN	RJF21N	RJF22N**100BTX	RJF21RAN	RJF2PEWF1N	RJF2PEMWF1N	RJF2SA5N	RJF2PE1N	RJF2PEM1N
Olive Drab Cadmium	RJF6G	RJF6MG	RJF21G	RJF22G**100BTX	RJF21RAG	RJF2PEWF1G	RJF2PEMWF1G	RJF2SA5G	RJF2PE1G	RJF2PEM1G

** Select for Cordset Length 03 = 11.81 (0.30M) 05 = 19.68 (0.50M) **BOLD** = Stocked items
 10 = 39.37 (1.00M) 15 = 59.05 (1.50M)

ASSEMBLY INSTRUCTIONS



Universal: Can be used with all standard RJ45 CAT5e cordset brands

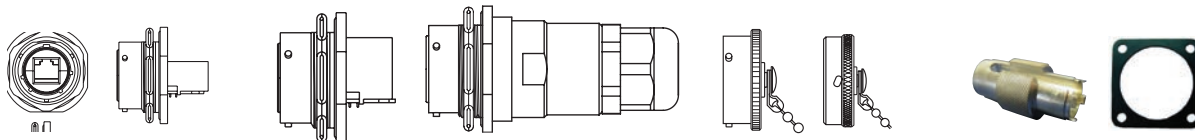
All dimensions in inches (millimeters in parenthesis)

	RECEPTACLE			JAM NUT RECEPTACLE		
PLATING	STANDARD SEALED BOX MOUNT	CORDSET SEALED BOX MOUNT	RIGHT ANGLE SEALED FEMALE RJ45	STANDARD SEALED JAM NUT	CORDSET SEALED JAM NUT	RIGHT ANGLE SEALED FEMALE RJ45
Black-Anodized	RJF2S*1B	RJF2S*2B**100BTX	RJF2S*1RAB	RJF7S*1B	RJF7S*2B**100BTX	RJF7S*1RAB
Nickel	RJF2S*1N	RJF2S*2N**100BTX	RJF2S*1RAN	RJF7S*1N	RJF7S*2N**100BTX	RJF7S*1RAN
Olive Drab Cadmium	RJF2S*1G	RJF2S*2G**100BTX	RJF2S*1RAG	RJF7S*1G	RJF7S*2G**100BTX	RJF7S*1RAG
* Coding A, B, C, D	** Select for Cordset Length	03 = 11.81 (0.30M)	05 = 19.68 (0.50M)	10 = 39.37 (1.00M)	15 = 59.05 (1.50M)	

BOLD = Stocked Items

	RECEPTACLE			JAM NUT RECEPTACLE		
PLATING	STANDARD HERMETIC BOX MOUNT	CORDSET HERMETIC BOX MOUNT	RIGHT ANGLE HERMETIC FEMALE RJ45	STANDARD HERMETIC JAM NUT	CORDSET HERMETIC JAM NUT	RIGHT ANGLE HERMETIC FEMALE RJ45
Black-Anodized	RJF2H*1B	RJF2H*2B**100BTX	RJF2H*1RAB	RJF7H*1B	RJF7H*2B**100BTX	RJF7H*1RAB
Nickel	RJF2H*1N	RJF2H*2N**100BTX	RJF2H*1RAN	RJF7H*1N	RJF7H*2N**100BTX	RJF7H*1RAN
Olive Drab Cadmium	RJF2H*1G	RJF2H*2G**100BTX	RJF2H*1RAG	RJF7H*1G	RJF7H*2G**100BTX	RJF7H*1RAG

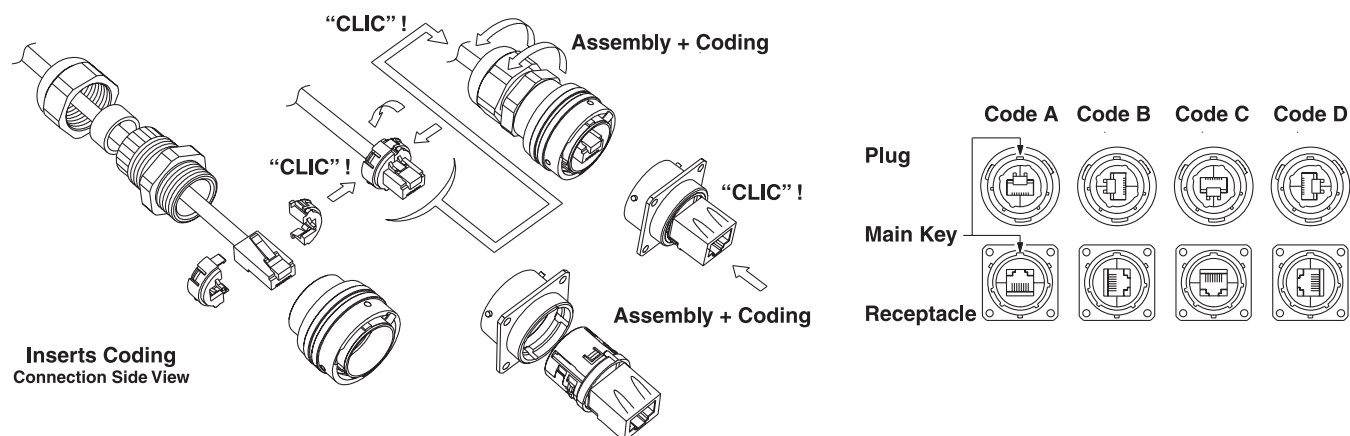
* Coding A. B. C. D ** Select for Cordset Length 03 = 11.81 (0.30M) 05 = 19.68 (0.50M) 10 = 39.37 (1.00M) 15 = 59.05 (1.50M)



	JAM NUT RECEPTACLE					ACCESSORIES				
PLATING	STANDARD JAM NUT	CORDSET JAM NUT	RIGHT ANGLE FEMALE RJ45	CABLE GLAND		DUST CAP ⁺			INSERT REMOVAL TOOL	FLANGE GASKET
				PLASTIC	METAL	PLUG §	BOX MOUNT §	JAM NUT§		
Black- Anodized	RJF71B	RJF72B**100BTX	RJF71RAB	RJFPE1B	RJF7PEM1B	RJFC6B	RJFC2B	RJFC7B	RJFODE	JE18
Nickel	RJF71N	RJF72N**100BTX	RJF71RAN	RJFPE1N	RJF7PEM1N	RJFC6N	RJFC2N	RJFC7N		
Olive Drab Cadmium	RJF71G	RJF72G**100BTX	RJF71RAG	RJFPE1G	RJF7PEM1G	RJFC6G	RJFC2G	RJFC7G		

****** Select for Cordset Length 03 = 11.81 (0.30M) 05 = 19.68 (0.50M) + Metallic Chains Available **BOLD** = Stocked items
 10 = 39.37 (1.00M) 15 = 59.05 (1.50M)
\$ Nylon Cord Lengths: Plugs - 6.30 (160.0)
Box Mount and Jam Nut - 4.134 (105.0)

Easy and Safe: No field cabling tools required



All dimensions in inches (millimeters in parenthesis)