

# Category 8.1 Plugs

## Field Terminatable RJ45 Plugs

Stewart Connector expands their field terminatable RJ45 plugs to include Category 8.1 transmission speeds. Stewart's Cat8.1 field terminatable RJ45 plug is backward compatible with Cat5e, Cat6, and Cat6a. Stewart's Cat8.1 plugs are a cost-saving solution for upgrading data centers to accommodate the continuous changes in the industry, with the need to switch to a fiber optic solution. Stewart's Cat8.1 products are ideal solutions for military and medical applications, along with high noise environments.



### Features

- Accepts wire gauge: 22 – 26 AWG\*
- Designed to comply with industry standard Category 8.1 channel lengths that support 25 Gbps and 40 Gbps Ethernet speeds
- Contacts are designed for use on both solid and stranded wire
- Easy to use color coded conductor pre-load wire manager
- See below part number table for accepted outer cable diameter for each plug option
- 50 micro-inches of gold plating on contacts for increased cycle life

### Benefits

- Backwards compatible with existing RJ45 connectors utilized for Cat5e through Cat6a speeds
- No termination tooling required
- Each plug kit includes termination instructions
- In compliance with IEC 60603-7-1 & TIA-1096

### Part Numbers

Part Number	Cable Diameter Range	Strain Relief Insert Color	Packaging Type**
SS-39300-009	4.0 mm – 6.0 mm	Gray	Individually Bagged
SS-39300-010	5.0 mm – 7.0 mm	Blue	Individually Bagged
SS-39300-011	6.0 mm – 8.0 mm	Black	Individually Bagged
SS-39300-012	8.0 mm – 9.2 mm	No Insert	Individually Bagged

\*This product works will terminate 26 AWG wire, but only if it has not been previously used with any other wire gauge.

\*\*Bulk packaging type part numbers are available upon request



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