

Modular Plugs for Specialty Cables

Large Diameter Plugs

CAT6a

Stewart Connector's Large Diameter Modular Plug is designed to terminate directly to CAT6a and CAT6 large diameter solid conductor cabling. Typical modular plugs are designed for use on patch cable assemblies and therefore are designed to terminate to stranded conductors of wire sizes from AWG 24 through AWG 26.

However, in many direct connect, or consolidation point applications where link lengths exceed 10 Meters, a horizontal cable type is specified. Horizontal cable is normally made with solid conductor copper wire in the diameter range of AWG 23 through AWG 24. This larger copper size translates into larger conductor diameters which make terminating to a traditional modular plug problematic. Stewart's unique loadbar and contact design accommodates this large diameter cabling in the form factor of a standard RJ45 plug.

Key Features

- Field installable plug for cable conductors up to 0.062" and overall diameters up to 0.315"
- Suitable for CAT6a and CAT6 applications delivering 10G Base-T and Gigabit Ethernet
- Low profile design allows for use in high density switches and routers
- Anti-snap boot prevents plug tab damage during installation
- Packaging available for both field installation and factory terminations
- Can be used to terminate both shielded and unshielded cabling



Part Number	Performance	Cable Diameter	Conductor Diameter	Packaging
SS-39200-027	CAT6a	0.270" - 0.295" [6.86 - 7.49]	0.042" - 0.048" [1.07 - 1.22]	Individually
SS-39200-030	CAT6a	0.270" - 0.295" [6.86 - 7.49]	0.042" - 0.048" [1.07 - 1.22]	Bulk
SS-39200-063	CAT6a	0.270" - 0.315" [6.86 - 8.00]	0.056" - 0.062" [1.42 - 1.52]	Individually
SS-39200-064	CAT6a	0.270" - 0.315" [6.86 - 8.00]	0.056" - 0.062" [1.42 - 1.52]	Bulk



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