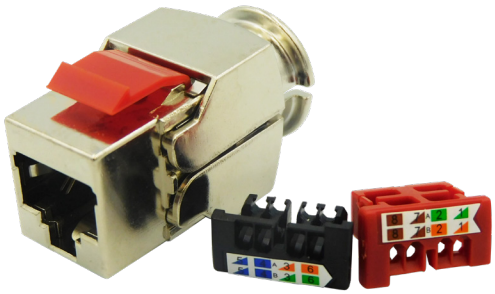
Category 8.2 Series

Cable Jacks and Cable Assemblies

Stewart Connector's Category 8.2 series introduces cable jacks and cable assemblies that can run speeds of 25GBASE-T and 40GBASE-T over copper twisted pair. The Cat 8.2 series consists of cable mounted, field terminated cable jacks and cable assemblies (patch cords). They are designed to meet Category 8.2 performance standards up to 2 GHz as defined by ISO/IEC 11801-1 Class II.



The Category 8.2 series adds to Stewart Connector's ARJ45® connector family. Stewart's ARJ45® connectors are built on the proven reliability of the standard RJ45 interface mechanics which have been enhanced to support increased data speeds. The Cat 8.2 series is a cost-effective solution for data centers looking to upgrade their data transmission speeds without switching over to a fiber optic solution.

Features & Benefits

- Capable of running speeds of 25GBASE-T and 40GBASE-T over copper twisted pair
- Designed to meet Category 8.2 performance standards up to 2 GHz as defined by ISO/IEC 11801-1 Class II
- ARJ45 interface offers superior pair to pair isolation compared to the RJ45
- Our AJ45 cable jack offers tool-less termination and is designed to interface with industry standard panels and outlets
- Supports 100W POE applications

Applications

- Medical
- Ethernet Networking
- Military Communications
- Industrial Equipment Interface
- High Speed/High Noise Networking Protocols

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Please read our datasheet & drawing disclaimer here.

Category 8.2 Series Cable Jacks and Cable Assemblies

Part Numbers

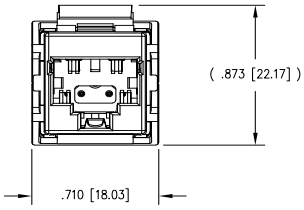
Cable Jacks

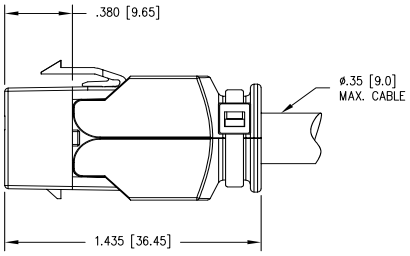
Part Number	Performance	Interface	Product Type
SS-77100-015	Cat 8.2	ARJ45	Field Terminatable Cable Jack

Cable Assemblies

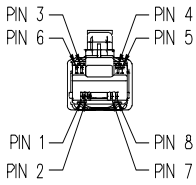
Part Number	Performance	Conn End A	Conn End B	Length ft	Length mm
CA82-020M-01	Cat 8.2	Cat 8.2 ARJ45	Cat 8.2 ARJ45	6.56ft	2m
CA82-010M-01	Cat 8.2	Cat 8.2 ARJ45	Cat 8.2 ARJ45	3.28ft	1m

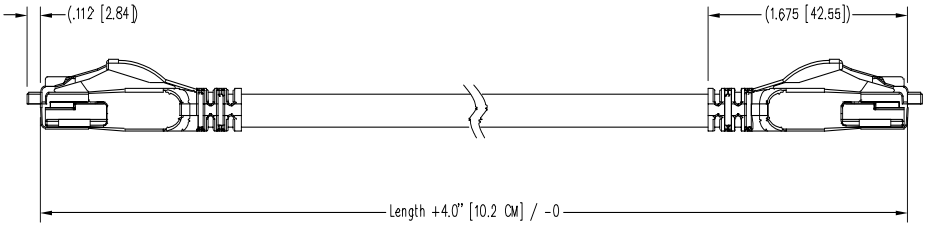
SS-77100-015





CA82-010M-01





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