



### S45-1700

(old p/n: SIMPLY45-CAT6A)

For Unshielded LAN cables (Cat6/6a solid)



TAA  
Compliant



USA Designed

|                                        |                                                                                                                                                                              |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Performance:</b>                    | Meets or Exceeds ANSI/TIA 568-D.2; ISO/IEC 11801 Class D; ANSI/TIA 1096-A; IEC 60603-7                                                                                       |
| <b>Wire Cond(s) OD:</b>                | 23 AWG : 1.00mm - 1.10mm (0.039" - 0.043")                                                                                                                                   |
| <b>Max LAN Cable OD:</b>               | 7.4mm (0.291")                                                                                                                                                               |
| <b>Supports PoE/PoH:</b>               | Yes                                                                                                                                                                          |
| <b>Cable Fire Resistance Ratings:</b>  | Commercial Rated, CMP, CMR, CM, CMX, LSZH up to B2ca EuroClass                                                                                                               |
| <b>Flame Autoextinguish:</b>           | UL94 V0, IEC 60695-11-10                                                                                                                                                     |
| <b>Contact Material:</b>               | Phosphor Bronze - .012" thick                                                                                                                                                |
| <b>Contact Plating:</b>                | Min 50 Micro-Inch Pure Gold - 24 Carat Hard Gold Plate in contact area over 100 Micro-Inch Min Nickel Plating. Exceeds ANSI/TIA-1096-A specifications (formerly FCC Part 68) |
| <b>Plug Material:</b>                  | Polycarbonate                                                                                                                                                                |
| <b>Plug Tolerances and Dimensions:</b> | Meets ANSI/TIA-1096-A specifications (formerly FCC Part 68)                                                                                                                  |
| <b>Conductor Type(s):</b>              | Solid and Stranded                                                                                                                                                           |
| <b>Operating Temperature:</b>          | -40° C to +70° C                                                                                                                                                             |
| <b>Insertion/Extraction Life:</b>      | 2000 Minimum Cycles                                                                                                                                                          |
| <b>Contact Resistance:</b>             | 20 Milli-Ohms max                                                                                                                                                            |
| <b>Current/Voltage:</b>                | 30 VAC/42 VDC at 1.5 Amps                                                                                                                                                    |
| <b>Compliance:</b>                     | UL Listed, RoHS, FCC, NEC, TAA                                                                                                                                               |

**Contact us for more details: [sales@gosimplyconnect.com](mailto:sales@gosimplyconnect.com)**

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