



GigaSPEED XL® GS8E Stranded Low Smoke Zero Halogen Cordage  
Modular Patch Cord, Red Jacket

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Portfolio</b>             | SYSTIMAX®   |
| <b>Brand</b>                 | GigaSPEED XL®   |
| <b>Product Type</b>          | Twisted pair patch cord   |
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |

## Dimensions

|                             |               |
|-----------------------------|---------------|
| <b>Cord Length, maximum</b> | 30 m   100 ft |
| <b>Cord Length, minimum</b> | 1 m   1 ft    |

## Electrical Specifications

|                               |          |
|-------------------------------|----------|
| <b>ANSI/TIA Category</b>      | 6        |
| <b>dc Resistance, maximum</b> | 0.30 ohm |
| <b>Safety Voltage Rating</b>  | 300 V    |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Environmental Space</b>   | Low Smoke Zero Halogen (LSZH)        |
| <b>Flammability Rating</b>   | UL 94 V-0                            |
| <b>Operating Temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F) |

## General Specifications

|                                       |                    |
|---------------------------------------|--------------------|
| <b>Cable Type</b>                     | U/UTP (unshielded) |
| <b>Interface, connector A</b>         | RJ45 plug          |
| <b>Interface, connector B</b>         | RJ45 plug          |
| <b>Jacket Color</b>                   | Red                |
| <b>Interface Feature, connector A</b> | Standard           |
| <b>Interface Feature, connector B</b> | Standard           |
| <b>Package Quantity</b>               | 1                  |
| <b>Pairs, quantity</b>                | 4                  |

## Mechanical Specifications

|                                 |                 |
|---------------------------------|-----------------|
| <b>Conductor Type</b>           | Stranded        |
| <b>Contact Plating Material</b> | Precious metals |

|                                      |                              |
|--------------------------------------|------------------------------|
| <b>Material Type</b>                 | Copper alloy   Polycarbonate |
| <b>Plug Insertion Life, minimum</b>  | 750 times                    |
| <b>Plug Retention Force, minimum</b> | 133 N   30 lbf               |
| <b>Wiring</b>                        | T568B                        |

### Wiring Diagram

|            | Connector A  | Connector B  |
|------------|--------------|--------------|
| Position 1 | White/Orange | White/Orange |
| Position 2 | Orange       | Orange       |
| Position 3 | Lt. Green    | Lt. Green    |
| Position 4 | Blue         | Blue         |
| Position 5 | Lt. Blue     | Lt. Blue     |
| Position 6 | Green        | Green        |
| Position 7 | Lt. Brown    | Lt. Brown    |
| Position 8 | Brown        | Brown        |

### Regulatory Compliance/Certifications

|                 |  |
|-----------------|--|
| <b>Agency</b>   | <b>Classification</b>  |
| RoHS 2011/65/EU | Compliant  |
| ISO 9001:2015   | Designed, manufactured and/or distributed under this quality management system |



### Included Products

860498625 | 3074E RED C6 4/24 SR U/UTP RVAR (Product Component—not orderable) — GigaSPEED XL® 3074E Category 6 U/UTP Cable, low smoke zero halogen, red jacket, 4 pair count, variable length, reel

- 860018639 | 1074E RED C6 4/24 SR U/UTP RVAR (Product Component—not orderable) — GigaSPEED XL® 1074E Category 6 U/UTP Cable, non-plenum, red jacket, 4 pair count, variable length, reel