Cat 6A Ethernet Cable

- 500 MHz Performance Speeds
- Ideal for 100BASE-TX and 10GBASE-T (10-Gigabit Ethernet)
- Rated for More Than 10 Million Flexing Cycles
- Exceptional EMI/RFI Suppression
- Rated for Temperatures from -65°C to +165°C

Cicoil’s Cat 6A Ethernet Cable meets the increased demands of professionals who need a rugged, flexible and high performance Ethernet cable solution. Cicoil’s patented extrusion process allows individually shielded, twisted pairs to be placed in a flexible flat profile for high speed data transmission, with exceptional EMI/RFI suppression. Cicoil’s Cat 6A Flat Cable delivers the ultimate in electrical performance, extreme ruggedness, and a Flex rating of over 10 Million cycles.

Cable Specifications

<table>
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<tr>
<th>Mechanical</th>
<th>Environmental</th>
<th>Electrical</th>
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</thead>
<tbody>
<tr>
<td>Conductor: Ultra flexible, finely stranded, tinned copper</td>
<td>Temperature Rating: -65°C to +165°C</td>
<td>Outer Jacket Dielectric Strength: 450 volts/mil (17.7 kv/mm)</td>
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<tr>
<td>Shielding: Ultra flexible, braided shields, with 90% nominal coverage</td>
<td>Moisture Rating: Submersible, Salt Water Resistant</td>
<td>Outer Jacket Durometer Rating: 65 (Shore A)</td>
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<tr>
<td>Minimum Bend Radius: - 6x cable height for intermediate flex</td>
<td>Clean Room Rating: Class 1, Zero Particulates</td>
<td>See Electrical Dielectric Strength Chart on Page 47</td>
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<td>- 10x cable height for continuous flex</td>
<td>Extreme Environments: Sunlight, UV Light, Alcohol, Chemical and Oil Resistant</td>
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<td>Flex Life: 10,000,000 cycles nominal</td>
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