854-035 Quadrax Cable Assemblies

Size #8 100 Ohm Quadrax Cable Assemblies, How-to-Order

Aerospace-grade or commercial-grade cable. 100% tested. Save assembly time and cost with quadrax cordset assemblies. These assemblies are available with pin/pin, pin/socket, socket/socket, pin/RJ45 or socket/RJ45 configurations. Star quad aerospace-grade high temperature cable has fluoropolymer construction. Compatible with Glenair Series 23 and Series 80 connectors. Optional sealing boot available. Quadrax contacts must be installed in keyed connectors before mating to prevent misalignment and contact damage.

Contact Positions

Mating face of Pin
Mating face of Socket

Technical Data

- For use with 100 BASE-T Ethernet applications. For 1000 BASE-T Ethernet applications, please consult factory.
- Refer to individual contact and cable data sheets for construction details
- 100% tested for shorts, continuity and IR
- Operating temp.: -65° to +125°C, aerospace-grade
- Impedance: 100 ohms
- DWV: 500 Vrms
- IR: 5000 megohms min @ 200VDC.

D38999 Series III and Mighty Mouse Quadrax Cables

<table>
<thead>
<tr>
<th>Sample Part Number</th>
<th>854-035</th>
<th>F</th>
<th>-A</th>
<th>C</th>
<th>-01</th>
<th>-12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
<td>854-035</td>
<td>F = Pre-wired quadrax contact</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **Sealing Boot**   | F = Add grommet follower  
                    | Omit for none |
| **P1 Connector**   | A = Quadrax, Pin (P/N 854-001)  
                    | B = Quadrax, Socket (P/N 854-002) |
| **P2 Connector**   | A = Quadrax, Pin  
                    | C = RJ45 Plug  
                    | B = Quadrax, Socket  
                    | N = No Connector |
| **Cable Option**   | 01 = Tensolite NF26Q100-01, 26 AWG  
                    | 02 = Tensolite NF24Q100-01, 24 AWG  
                    | 03 = Draka Fileca F 4704-6, 26 AWG  
                    | 04 = Draka Fileca F 4704-4, 24 AWG  
                    | 05 = Tensolite NF22Q100-01, 22 AWG |
| **Length**         | Overall length in inches |
854-035 Quadrax Cable Assemblies
Size #8 100 Ohm Quadrax Cable Assemblies, Wiring Dia

WIRING DIAGRAM
24/26 AWG PIN OR SOCKET FLYING LEADS

P1
1. RED 24/26 AWG
2. BLU 24/26 AWG
3. YEL 24/26 AWG
4. GRN 24/26 AWG

WIRING DIAGRAM
22 AWG PIN OR SOCKET FLYING LEADS

P1
1. RED 22 AWG
2. RED/BLK 22 AWG
3. BLU 22 AWG
4. BLU/BLK 22 AWG

WIRING DIAGRAM
24/26 AWG PIN OR SOCKET TO RJ45

P1
1. RED 24/26 AWG
2. BLU 24/26 AWG
3. YEL 24/26 AWG
4. GRN 24/26 AWG

WIRING DIAGRAM
24/26 AWG BACK TO BACK PIN TO SOCKET

P1
1. RED 24/26 AWG
2. BLU 24/26 AWG
3. YEL 24/26 AWG
4. GRN 24/26 AWG

© 2016 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 • High-Speed Contacts
Dimensions in Inches (millimeters) are subject to change without notice.