

We are uniquely positioned to offer the broadest possible range of custom copper and fiber optic cabling solutions. Create your own custom cable assembly with this form by indicating your specific requirements. 4 Easy Steps! You can also email us your details along with any attachments to sales@ioctech.ca for a quick response.

**Cable Type** (check as many that apply)

**Jacket Type :**  FT4—PVC  FT6—Plenum  LSZH—Low Smoke

Step 1

- |                                     |  |  |
|-------------------------------------|--|--|
| <input type="checkbox"/> CAT5e      | <input type="checkbox"/> Foil & Copper Braided       | <input type="checkbox"/> 50/125-µm (OM3) Multimode Fiber |
| <input type="checkbox"/> CAT6       | <input type="checkbox"/> Solid                       | <input type="checkbox"/> 50/125-µm (OM4) Multimode Fiber |
| <input type="checkbox"/> CAT6a      | <input type="checkbox"/> Stranded                    | <input type="checkbox"/> 8.5/125-µm Single-Mode Fiber    |
| <input type="checkbox"/> Unshielded | <input type="checkbox"/> 62.5/125-µm Multimode Fiber | <input type="checkbox"/> Simplex Fiber                   |
| <input type="checkbox"/> Shielded   | <input type="checkbox"/> 50/125-µm Multimode Fiber   | <input type="checkbox"/> Duplex Fiber                    |

**Connector Types** (circle, underline or highlight one on each side)

Step 2

**Connector A**

Male  Female

- |                       |                             |
|-----------------------|-----------------------------|
| DB9                   | Fiber ST                    |
| DB15                  | Fiber SC                    |
| DB25                  | Fiber LC                    |
| DB37                  | Fiber MT-RJ                 |
| DB50                  | Fiber MU                    |
| HD15                  | Fiber FDDI                  |
| 36 Pin Centronics     | 50-Pin Berg (SCSI or RS232) |
| 50-Pin Telco          | 5-Pin DIN                   |
| RJ-11 4-Wire          | 4-Pin mini DIN              |
| RJ-11 6-Wire          | 6-Pin mini DIN              |
| RJ-22 4-Wire          | 8-Pin mini DIN              |
| RJ-45 8-Wire          | MTP 12 Fiber Type A         |
| RJ-48 10-Wire         | MTP 12 Fiber Type B         |
| RJ-45 8-Wire Shielded | MTP 24 Fiber Type A         |
| DEC™ MMJ              | MTP 24 Fiber Type B         |
| M/50                  | Other                       |
| M/34 (V.35)           |                             |

**Connector B**

Male  Female

- |                       |                             |
|-----------------------|-----------------------------|
| DB9                   | Fiber ST                    |
| DB15                  | Fiber SC                    |
| DB25                  | Fiber LC                    |
| DB37                  | Fiber MT-RJ                 |
| DB50                  | Fiber MU                    |
| HD15                  | Fiber FDDI                  |
| 36 Pin Centronics     | 50-Pin Berg (SCSI or RS232) |
| 50-Pin Telco          | 5-Pin DIN                   |
| RJ-11 4-Wire          | 4-Pin mini DIN              |
| RJ-11 6-Wire          | 6-Pin mini DIN              |
| RJ-22 4-Wire          | 8-Pin mini DIN              |
| RJ-45 8-Wire          | MTP 12 Fiber Type A         |
| RJ-48 10-Wire         | MTP 12 Fiber Type B         |
| RJ-45 8-Wire Shielded | MTP 24 Fiber Type A         |
| DEC™ MMJ              | MTP 24 Fiber Type B         |
| M/50                  | Other                       |
| M/34 (V.35)           |                             |

**Special Instructions** (circle, underline or highlight as many of the following)

- |                   |                          |                   |                          |
|-------------------|--------------------------|-------------------|--------------------------|
| Open or Blunt     | Screw Lock Male          | Open or Blunt     | Screw Lock Male          |
| Pins Only         | Screw Lock Female        | Pins Only         | Screw Lock Female        |
| PVC Hood          | 90° Hood                 | PVC Hood          | 90° Hood                 |
| Shielded Hood     | Pairing                  | Shielded Hood     | Pairing                  |
| Thumbscrew Male   | Flying Lead _____ inches | Thumbscrew Male   | Flying Lead _____ inches |
| Thumbscrew Female | Pulling Eye              | Thumbscrew Female | Pulling Eye              |

**Step 3**

Pinning (see example to the right)

**Connector A**

**Connector B**

Pin #

Pin #

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Cable Length : \_\_\_\_\_

Label A : \_\_\_\_\_

Label B : \_\_\_\_\_

**Pinning Chart Examples**

Pin to Pin		Shielded Pair	
<u>1</u>	<u>1</u>	<u>4</u>	<u>4</u>
<u>2</u>	<u>2</u>	<u>5S</u>	<u>5S</u>
<u>3</u>	<u>4</u>	<u>6S</u>	<u>6S</u>
<u>4</u>	<u>3</u>	<u>7</u>	<u>7</u>
Twisted Pair		2 Wires, Same Pin	
<u>1TP</u>	<u>1TP</u>	<u>1</u>	<u>1</u>
<u>2TP</u>	<u>2TP</u>	<u>2</u>	<u>2</u>
<u>3TP</u>	<u>3TP</u>	<u>2</u>	<u>3</u>
<u>4TP</u>	<u>4TP</u>	<u>4</u>	<u>4</u>
Coaxial		Jumper Pin	
<u>1C</u>	<u>1C</u>	<u>6</u>	<u>6</u>
<u>2S</u>	<u>2S</u>	<u>7, 9</u>	<u>7, 9</u>
		<u>8</u>	<u>8</u>
		<u>9, 7</u>	<u>9, 7</u>

C = Center  
S = Shield

**Step 4**

**Fax To :** 1-877-724-4260

**Email To :** sales@ioctech.ca

Name : \_\_\_\_\_

Company : \_\_\_\_\_

Email : \_\_\_\_\_

Phone : \_\_\_\_\_

Contact me to discuss

Notes :