

DataTuff® Industrial Ethernet Cable Selection Guide

| Part No. | Category | Shielding | | Conductor | | Installation | Environmental Issues | | | | Industrial Grade Jacket | | |
|----------------|----------|------------|-----------|-----------|------------|---------------------------------|----------------------|------------------------|---------------------|------------|-------------------------|----------|---------|
| | | Unshielded | Shielded* | Solid | Stranded** | Installation Stress Resistance† | Oil Resistance | UV Sunlight Resistance | Gasoline Resistance | HI/LO Temp | Heavy | Upjacket | Armored |
| 7923A | Cat 5e | ● | | ● | | ● | ● | ● | | | ● | | |
| 7929A | Cat 5e | | ● | ● | | ● | ● | ● | | | ● | | |
| 7921A | Cat 5e | | ● | ● | | ● | ● | ● | | | ● | | |
| 11700A | Cat 5e | ● | | ● | | ● | ● | ● | | | | ● | |
| 11700A2 | Cat 5e | ● | | ● | | ● | ● | ● | | | ● | ● | |
| 121700A | Cat 5e | ● | | ● | | ● | ● | ● | | | | | ● |
| 7924A | Cat 5e | ● | | | ● | ● | ● | ● | | | ● | | |
| 7930A | Cat 5e | ● | | | ● | | ● | ● | | | ● | | |
| 7928A | Cat 5e | ● | | ● | | ● | ● | ● | ● | ● | ● | | |
| 7918A | Cat 5e | ● | | ● | | | ● | ● | | | ● | | |
| 7919A | Cat 5e | | ● | ● | | | ● | ● | | | ● | | |
| 7927A | Cat 6 | ● | | ● | | ● | ● | ● | | | ● | | |
| 7931A | Cat 6 | ● | | ● | | ● | ● | ● | ● | ● | ● | | |
| 11872A | Cat 6 | ● | | ● | | ● | | | | | | ● | |
| 121872A | Cat 6 | ● | | ● | | ● | | ● | | | | | ● |

* Shielded products are recommended for high-noise environments.

** Stranded products are recommended where more flexibility is needed.

† Products with Bonded-Pair technology provide Installable Performance™ advantages — refer to Belden Bonded-Pair Cable Bulletin #BP02.

This chart is meant to help the user select the right cable. Refer to cable specifications for details. See www.belden.com for fiber optic cable recommendations and technical data sheets.