



DataMax[®] Extreme — Cables for YOUR rugged applications

DataMax[®] Extreme cables give you options. Not all harsh environments or rugged applications are the same; that's why we offer different grades of Harsh Environment ethernet cable to best suit your project. Whether you need a cable tough enough to withstand a demanding manufacturing environment, durable enough to stand the test of time and elements, or dependable enough to perform millions of flex cycles, we have the best solution for you.



DataMax[®] Extreme TOUGH

- » For rugged environments
- » Great for non-flex applications
- » Tubed PVC jackets are tough & oil resistant
- » Also available with TPE jackets
- » 100 meter runs
- » Between automation islands
- » Stadiums
- » Process automation
- » Outdoor use
- » Applications without vibration
- » Not recommended for sealed connectors
- » Budget friendly I/E option



DataMax[®] Extreme DURABLE

- » More ruggedized option than DataMax[®] Extreme Tough
- » Good for environments with vibration and flex
- » Pressure extruded jackets in a variety of compounds suitable for many applications
- » Great for sealed connectors
- » Ideal for overmolding
- » Shielded applications that require a drain wire
- » Long-term UV exposure
- » Weld spatter resistant
- » Oil resistant



DataMax[®] Extreme HI-FLEX

- » Most rugged DataMax[®] Extreme option
- » Ideal for environments with flex, vibration, UV, weld spatter and oil
- » Pressure extruded jackets suitable for many applications
- » Great for sealed connectors
- » Ideal for overmolding
- » Flex and torsion tested for millions of cycles
- » Ideal for use in robotics
- » Re-deployable
- » Mud oil resistant
- » Preferred for live entertainment



Choose YOUR Extreme – Tough, Durable, or Hi-Flex

| DataMax® Extreme | Category | | | | AWG | | | Pairs | | 4 Conductor | Solid | Stranded | Shield | Jacket | AWM 2463 | Profinet® | QWC Parts | Stocked Colors |
|---------------------|----------|---|------|----|-----|----|----|-------|---|----------------|-------|----------|--------|----------|-------------|-------------|--------------------------------|-------------------|
| | 5e | 6 | 6/6a | 6a | 22 | 24 | 26 | 2 | 4 | | | | | | | | | |
| TOUGH | • | | | | • | | | • | | | | | • | TPE | • | • | 5923* | n/a |
| | • | | | | • | | | • | | | | | • | PVC | • | | 5941 - 5942 | Black |
| | • | | | | | • | | • | | | | | • | PVC | | | 5943 | Black |
| | • | | | | | • | | • | | | | | | PVC | | | 5944 | Black |
| DURABLE | • | | | | | | • | • | | | | | • | PVC | | | 5030 - 5032 | n/a |
| | • | | | | | | • | • | | | | | • | TPE | | | 5035 - 5038 | n/a |
| | • | | | | | | • | • | | | | | • | PUR | | | 5040 - 5042 | n/a |
| | • | | | | | | • | • | | | | | • | PUR | | | 5710 - 5712 | Black |
| | • | | | | | | • | • | | | | | • | PVC | | | 5725 - 5727 | n/a |
| | • | | | | | | • | • | | | | | • | PUR | | | 5730 - 5732* | Black |
| | • | | | | | | • | • | | | | | • | TPE | | | 5734 - 5736* | Black |
| | • | | | | | | • | • | | | | | • | PVC | | | 5739 - 5741* | n/a |
| | • | | | | | | • | • | | | | | • | TPE | | | 5760 - 5763 | n/a |
| | • | | | | | • | | • | | | | | • | PVC | | | 5780 - 5783 | n/a |
| | • | | | | | • | | • | | | | | • | PVC | | | 5915 - 5918 | n/a |
| | • | | | | | • | | • | | | | | • | TPE | | | 5928 - 5929 | n/a |
| HI-FLEX | | • | | | | | • | • | | | | | • | TPE | | | 2990 | n/a |
| | • | | | | | | • | • | | | | | • | PUR | | | 5000, 5001, 5006, 5016 | n/a |
| | • | | | | | • | | • | | | | | • | PUR | | | 5020 - 5022 | n/a |
| | • | | | | | • | | • | | | | | • | TPE | • | | 5023 - 5025, 5027 - 5029* | Teal |
| | • | | • | | | | | • | • | | | | • | TPE | | | 5026, 5047 - 5048* | n/a |
| | • | | | | | | | • | • | | | | • | TPE | | | 5045-5046, 5083 - 5084, 5088* | Black, Teal |
| | • | | | | | | | • | • | | | | • | PUR | | | 5055 - 5057* | n/a |
| | • | | | | | | | • | • | | | | • | ZHFR PUR | | | 5075 - 5079* | Teal |
| | • | | | | | | | • | • | | | | • | ZHFR PUR | | | 5080 - 5082* | n/a |
| | • | | | | | | | • | • | | | | • | TPE | | | 5085 - 5087* | n/a |
| | • | | | | | | • | | • | | | | • | TPE | • | | 5089, 5090 - 5093, 5097, 5934* | Black, Teal |
| | • | | | | | • | | | • | | | | • | TPE | • | • | 5094* | Green |
| | • | | | | | • | | | • | | | | • | TPE | | | 5096* | Teal |
| | • | | | | | • | | | • | | | | • | TPE | | • | 5098* | Green |
| | • | | | | | • | | | • | | | | • | TPE | | • | 5099* | Green |
| | • | | | | | • | | | • | | | | • | PUR | | | 5120 - 5122 | n/a |
| | • | | • | | | | | • | • | | | | • | ZHFR PUR | | | 5123 - 5127* | n/a |
| | • | | | | | • | | | • | | | | • | TPE | | • | 5128* | n/a |
| | • | | | | | | • | | • | | | | • | PUR | | | 5700, 5703, 5706, 5716 | Black |
| | • | | | | | | • | | • | | | | • | TPE | • | | 5750 - 5753 | Black, Teal |
| | • | | | | | | • | | • | | | | • | TPE | • | | 5770 - 5773 | Teal |
| | • | | | | | | • | | • | | | | • | TPE | | | 5800 - 5802 | Black |
| | • | | | | | | • | | • | | | | • | TPE | | | 5900 - 5902 | n/a |
| | • | | | • | | | | • | • | | | | • | PUR | | | 5919* | Black |
| | • | | | | | | | • | • | | | | • | TPE | • | | 5920 | n/a |
| | • | | | | | | | • | • | | | | • | TPE | • | | 5921* | Teal |
| | • | | • | | | | | • | • | | | | • | TPE | • | | 5922, 5925, 5935* | Teal |
| | • | | | | | | | • | • | | | | • | TPE | • | • | 5924* | Green |
| • | • | | | | | | • | • | | | | • | TPE | • | | 5932 - 5933 | n/a | |
| • | | • | | | | | • | • | | | | • | PUR | | | 5936* | n/a | |

* indicates the cable construction contains a foil shield and braid



Speak with a Cable Design Specialist to learn more.

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