**ATA** – Advanced Technology Attachment protocol (also known as IDE, Intelligent or Integrated Drive Electronics)

**BC** – Bare Copper

**BOC** – Bare Overcoated Copper (bare individual ends stranded together with tin overcoat)

**CAP** – Capacitance

**CCA** – Copper-clad Aluminum

**CCS** – Copper-clad Steel (Copperweld)

**CSA** – Canadian Standards Association

**Cu** – Copper

**DL** – Dual-laminated

**DLMQT** – Dual-laminated Micro Quick Twist

**DLSTMQT** – Dual-laminated Sub-micro Quick Twist

**DIFF** – Differential

**ETFE** – Ethylene tetra-fluoroethylene, a flourine based plastic. Duponts tradename is Tefzel®

**Fast SCSI** – 10 MB/sec interface

**FEP** – Fluorinated-ethylene-propylene

**FR** – Flame Retardant

**G-S** – Ground-signal configuration

**G-S-S-G** – Ground-signal-signal-ground configuration

**HDPE** – High-density Polyethylene

**IDC** – Insulation Displacement Connector

**IR** – Irradiated

**LF** – Lead Free

**LLDPE** – Linear Low-density Polyethylene

**LDPE** – Low-density Polyethylene (natural)

**LSZH** – Low-smoke Zero Halogen

**LVDS** – Low-voltage Differential Signaling

**MDPE** – Medium-density Polyethylene

**MLVDS** – Multipoint Low-voltage Differential Signaling

**MCX** – Micro Coax

**MicroZip** – 0.025” pitch Ribbon

**MQT** – Micro Quick Twist

**Span** – Single Twisted section plus one single Bond

**Bond** – Flat section between twisted sections

**NC** – Nickle-plated Copper

**NL** – Non-laminated

**PLANAR** – single plane configuration of signals (Ribbon)

**PE** – Polyethylene

**PET** – Polyethylene Terephthalate

**PFA** – Perfluoroalkoxy

**PP** – Polypropylene

**PVC** – Polyvinyl Chloride

**REACH** – Registration, Evaluation, Authorization and Restriction of Chemicals (EU Directive)

**RoHS** – Restriction of Hazardous Substances (EU Directive)

**SAS** – Serial-Attached-SCSI

**SCSI-3** – 40 MB/sec interface

**SE** – Single-ended

**SMQT** – Sub-micro Quick Twist

**SPC** – Silver-plated Copper

**SPI** – SCSI Parallel Interface

**SPI-2** – (LVD SCSI) 80 MB/sec interface

**SPI-3** – (Ultra 160) 160 MB/sec interface

**SPI-4** – (Ultra 320) 320 MB/sec interface

**SPI-5** – (Ultra 640) 640 MB/sec interface

**SR-PVC** – Semi-Rigid PVC

**TDR** – Time-domain Reflectometer

**TPE** – Thermoplastic Elastomer

**TPO** – Thermoplastic Olefin

**TC** – Tinned Copper

**TOC** – Tin Overcoated Copper (tinned individual ends stranded together with tin overcoat)

**UL** – Underwriter’s Laboratories

**VDSLMTQ** – Variable Span Dual-laminated Micro Quick Twist

**Wide SCSI** – 20 MB/sec interface

**XL-PVC** – Crosslinked PVC

**XL-PE** – Crosslinked Polyethylene

---

**Units of Measure**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>oC</td>
<td>degrees Celsius</td>
</tr>
<tr>
<td>oF</td>
<td>degrees Fahrenheit</td>
</tr>
<tr>
<td>dB</td>
<td>decibel</td>
</tr>
<tr>
<td>ft</td>
<td>foot</td>
</tr>
<tr>
<td>GHz</td>
<td>gigahertz</td>
</tr>
<tr>
<td>in</td>
<td>inch</td>
</tr>
<tr>
<td>km</td>
<td>kilometer</td>
</tr>
<tr>
<td>lbf</td>
<td>pound force</td>
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<tr>
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<tr>
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<tr>
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<td>nanometer</td>
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<tr>
<td>ns</td>
<td>nanosecond</td>
</tr>
<tr>
<td>Vrms</td>
<td>volts root mean square</td>
</tr>
<tr>
<td>µm</td>
<td>micron or micrometer</td>
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**Conversion Table**

**English to Metric**

<table>
<thead>
<tr>
<th>From Unit</th>
<th>Conversion Factor</th>
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</thead>
<tbody>
<tr>
<td>from inches to centimeters</td>
<td>2.54</td>
</tr>
<tr>
<td>from feet to meters</td>
<td>0.3048</td>
</tr>
<tr>
<td>from yards to meters</td>
<td>0.9144</td>
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<tr>
<td>from ounces to grams</td>
<td>28.3495</td>
</tr>
<tr>
<td>from pounds to kilograms</td>
<td>0.453592</td>
</tr>
<tr>
<td>from Fahrenheit (F) to Celsius (C)</td>
<td>((C = (F-32) \times 0.555))</td>
</tr>
</tbody>
</table>