

Advanced Flat Cable Acronym Glossary

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

DLSMQT – Dual-laminated Sub-micro Quick Twist

DIFF – Differential

ETFE – Ethylene tetra-fluoroethylene, a fluorine 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 – Nickel-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 – Small Computer System Interface (3.5MB/sec asynchronously or 5.0 MB/sec synchronous mode)

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

VDLMQT – Variable Span Dual-laminated Micro Quick Twist

Wide SCSI – 20 MB/sec interface

XL-PVC – Crosslinked PVC

XL-PE – Crosslinked Polyethylene

Units of Measure

°C	degrees Celsius
°F	degrees Fahrenheit
dB	decibel
ft	foot
GHz	gigahertz
in	inch
km	kilometer
lbf	pound force
m	meter
MHz	megahertz
mm	millimeter
N	newton
nm	nanometer
ns	nanosecond
V _{rms}	volts root mean square
µm	micron or micrometer

Conversion Table

English to Metric

	Multiply by:
from inches to centimeters	2.54
from feet to meters	0.3048
from yards to meters	0.9144
from ounces to grams	28.3495
from pounds to kilograms	0.453592
from Fahrenheit (F) to Celsius (C)	C=(F-32) x 0.555