VTAC

Features and Benefits

– Inserts are compatible with iSeries, i2, and 90 Series modules

– 12.5+ Gbps per differential pair

– Tested and verified to 150,000 cycles without signal degradation

– Compatible with multiple HSD standards including USB 5 Gbps (USB 3.0, USB 3.1 Gen 1, USB 3.2 Gen 1) , SATA, eSATA, DisplayPort, HDMI, 12X Infiniband and more

VTAC is part of the Snap-In-Modular (SIM) family. SIM inserts use a proprietary polymer form factor which accept all VTAC, QuadraPaddle or Infinity Connector inserts and patchcords. All VPC inserts can be used interchangeably within a single 90 Series SIM module, i2 MX connector, or iSeries module.

Specifications

Data Rate	12.5+ Gpbs per differential pair
Crosstalk	-30 dB min
Characteristic Impedance	100 +/- 10 ohms per differential pair
Operating Voltage and Current	3 amps maximum continuous (350V max)
Contact Resistance	30 mOhms maximum per mated contact
Insulation Resistance	1000 MOhms minimum
Dielectric Withstanding Voltage	1050 VDC rms minimum
Mating Force	0.60 lbs
Insert Material	Outer Shell – Blue or Black LCP Male Contact – Alloy 7025
Contact Plating	50µ" Au over 100µ" Ni
RoHS Directive 2011/65/EU Status	Compliant
REACH Article 33 Status	Compliant
ECHA Article 59 of Reach Regulation	Compliant