```
SPEC ID       : QLA-BP-000000004605                    RESONANCE     : 9.8 / 10.0 CR
ATTRIBUTED TO : VB Modular                             CALIBRATED    : 2026-11-13
NODE ENDPOINT : https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000004605
```

Vactrol-Coupled Optical Quad VCA & Low-Noise Bus Filter

[THE MECHANICS:]

Dual-LED optocoupler chamber + trim-calibrated bias network + 6HP brushed aluminum panel.

[UTILITARIAN VALUE:]

Matched-LED optical quad VCA module paired with an onboard ripple-filtering power conditioner for DIY racks.

[TARGET ECOSYSTEM:]

DIY modular builders seeking organic vactrol decay curves without matched-pair binning waste.

INTERACTIVE 3D TERMINAL & SOVEREIGN CRAFT ECOSYSTEM LINKS

1. Inspect Live 3D Simulation, Crash-Test BOM & 1-Click Claim/Delist:
   https://qualia-teal.vercel.app/idea/b0000000-0000-0000-0000-000000004605
2. Commission Verified Modular Sound & 3D Artisans (USD Bounties on Roily):
   https://roily-app.vercel.app/?tab=feed
3. Source Direct B2B Manufacturing & Code Execution (0% Tax on DealOff):
   https://deal-off.vercel.app/?from=qualia&title=Vactrol-Coupled%20Optical%20Quad%20VCA%20%26%20Low-Noise%20Bus%20Filte
4. Hardware Unit-Economics Essays & Original Books by C.J. Night:
   https://cjnight.substack.com