BEA Injection 2fer — 12/3 molded Y

Wire diagram · terminate 12 (9 + 3 spare) · KG3 · BEA 2026 (Beabadoobee Headline Tour) · rev Aug 31, 2026

What it is: the molded injection tee for the BEA tee chains. AllBulbs molded rubber Y, **12/3 SOOW**, three legs. **Cut every leg to 3 ft from the molded body and terminate NL4 on every leg.** Terminate 12 of the 16 on hand: 9 in service + 3 spare; the other 4 stay blunt in stock.

Wire map — POWER ONLY, all legs common conductor to conductor

CONDUCTOR (VERIFY AT BENCH)	NL4 PIN	FUNCTION
Black	**1+**	+24V leg 1
Red	**2+**	+24V leg 2
White	**1–**	shared GND (V–)
—	**2–**	EMPTY, capped and labeled

Where it goes

POSITION	LEG ROLES
Bottom run at a mid-span column	feed in from above · one lead to each LED segment side (segments never tie together)
Upper runs at an END column	feed in from above · one lead to the arriving segment · through leg continues down the chain

> **It is only a 2fer on the ends:** end columns use 2fers at every tee position. Mid-span columns use 3fers above the bottom run. Chain drawing: bea.kg3.io/power.

KG3 LLC · Nashville TN · Build per the KG3 Cable Build Standard: label under clear heat shrink 9 in from the stripped end BEFORE terminating · continuity test every conductor end to end · log the build on the NeonOS cable build page. POWER ONLY tees: never land a tee leg on a data-carrying NL4 point. Verify jacket conductor colors at the bench before terminating; if they are not black, red and white, STOP and post a photo in Discord bea-packing.