BNC to Test Lead

This cable may be wanting a balune device in it

This test cable is intended for pulling video signal from the screw terminals of the transmitters and receivers and from the terminal block in the T1,2,3 analog side view system.

Wiring pinout

BNC center – red lead

BNC shield – Black lead

Parts needed

* 1 set fluke test leads cut in half
* 1 coax cable -2 ft
* 1 female coax connector
* 2 Splice crimp <https://www.digikey.com/en/products/detail/te-connectivity-amp-connectors/41974/4895060> - this may be the right one, but I improvised my first cable
* ¼ shrink wrap 8 inches
* 5/8 shrink wrap 6 inches

Assembly

1. Cut the coax cable outer insulation back 25mm, then I cut the outer conductor and the nylon center insulator back 12mm.
2. Fan out and bundle the outer conductor and twist into one wire like conductor
3. Slide 2 2inch sections of shrink wrap over the red test lead
4. Strip the red fluke test lead 5/8 inch
5. Crimp the red test lead to the coax center conductor
6. Apply shrink wrap
7. Slide 2 2inch sections of shrink wrap over the black test lead
8. Strip the black fluke test lead 5/8 inch
9. Crimp the black test lead to the bundled outer test lead
10. Apply shrink wrap
11. Apply outer shrink wrap
12. Test cable

Picture of prototype

