FIBER OPTIC FIELD GUIDE

Meet Ray, the fiber expert

We added someone to the team. Ray is a fiber optic expert you can ask just about anything, and he is now on every page of the site. Ask him what a reading means, how the color code runs, or which tool fits the job, and he answers in plain language like a senior tech would over the radio.

Johnstone Technical Services · https://johnstonetechs.com/guides/meet-ray-fiber-expert

Here is the thing about working fiber: the question you have at 9pm on a cold span, with the laptop balanced on the tailgate, is almost never worth stopping to search the web for. So you guess, or you call someone, or you let it ride. We wanted a better option, so we built one and gave him a name.

Ray is a fiber optic expert built right into the site as a chat. He knows the trade, he knows the standards, and he knows every tool here. You can ask him anything about fiber and he will give you a straight answer, then point you at the tool or the guide that finishes the job.

What Ray actually knows

Ray is a specialist, not a generic chatbot bolted onto a website. His whole world is fiber and the field. Ask him:

- What a reflectance or ORL number is telling you, and when it is a real problem.
- How to read an OTDR trace, what a dead zone is, and why a short pulse resolves the near end.
- How the fiber color code runs, including past fiber twelve and into ribbon counts.
- Whether you can splice 200m fiber with your splicer, and what pitch correction is.
- The difference between chromatic dispersion and PMD, loss budgets, PON and FTTH, and the standards behind a pass or fail.

He answers in plain language, the way you would want it explained on the radio, so you are not leaving the job to go dig through a forum.

Where to find him

Ray rides along on every page. Look for the Ask Ray button up near the share link on any guide or tool, or just open the contact panel and type your question. There is no sign-in to ask, and no cost.

He is even sharper inside Fiber Analysis, where he can see the results on your screen and answer from your actual numbers instead of a guess. That results-aware side of Ray has its own writeup in AI fiber optic analysis. It sits behind a free one-email sign-in, which is simply how the running cost stays sustainable so the tools stay free. Everywhere else, you just ask.