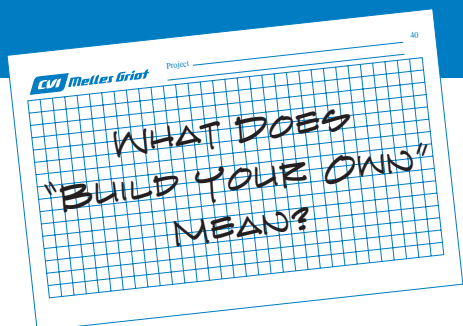


# REDEFINING BYOB

[AKA “Building Your Own” Beamsplitter]



Loosely it means any shape, any size, any wavelength, at a catalog price, and shipped in 14 days or less.”

Wow,” you say. “Any wavelength, any size? Really?” Yes, really.

Have you ever received a CVI Laser Optical Components catalog and wondered, “How am I supposed to order something from here?” That is what we call the Selection Menu and it facilitates your ability to choose any substrate and put any coating on it. If you are used to other catalogs where 10-20 options are listed, you may be blown away with the extent of your choices.

The selection menu is a unique tool that lets you choose what you really need. “A vendor who asks me what I need?” you say. Yes, really.

CVI Melles Griot has the world’s largest inventory of photonic components. Really. Much of that inventory is dedicated to the largest offering of uncoated substrates. Substrates which are just waiting for your call/fax/email to decide their fate: mirror, beamsplitter, window, turning prism, or cube, etc.

So how does this “Build Your Own” work?

You want to place an order for an optical component. We’ll say it’s a high energy beamsplitter at 1064 nm.

First, you choose the coating details: wavelength (1064 nm), the percent reflected (from 1%-99%)—we’ll choose 30% today, and the polarization—S. Next, you determine the substrate features you need: 25 mm diameter, 6 mm thickness. Finally, you place the order for a BS1-1064-30-2506M-45S. Done.

If this particular item does not happen to be on the shelf, then we’ll pull a substrate, clean it, coat it, do final outbound QC to ensure compliance to specifications, and put it in the mail to you in 14 days or less. Job done.

Next day, you arrive at work and your boss tells you he’s just decided to buy one of those new-fangled fiber lasers. The fiber laser wavelength is 1080 nm. Now what do you do?

Open your CVI Melles Griot catalog (or go online at [cvmellesgriot.com](http://cvmellesgriot.com)) and follow the same process: 1) Choose wavelength (1080 nm); 2) Choose reflectance (30%); 3) Choose substrate size. You order a BS1-1080-30-2506M-45S. We pull the substrate, clean it, coat it, QC it, and get it to shipping in 14 days or less. And we do all of this at a catalog price.

Any wavelength? Yes. From 193 to 2300 nm. 42 are listed in the catalog but we can do wavelengths in between the ones listed. And let’s not forget about polarization (S, P, and UNP).

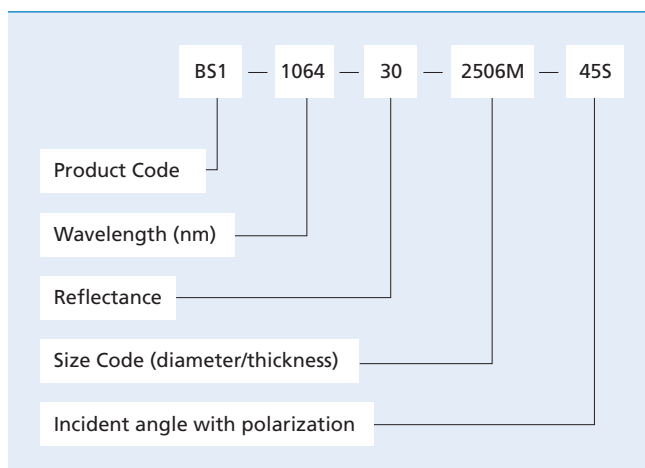
Any size? Yes. We have standard substrates from 5 mm to 100 mm. If we have non-standard substrates already on the shelf, we can do those too. What about the Melles Griot part numbers? Yes, those are included.

Any shape: spherical lenses, cylindrical lenses, windows, mirrors, beamsplitters, prisms, and even waveplates.

All at a catalog price and ready to ship in 14 days or less. That’s “Building Your Own Part.”

Whoever heard of a vendor asking you what you want? We did.

*How can we help you make your project a success?*



The CVI Melles Griot Selection Menu