QSFP EZ² and EZ³ Electric Loopback Array Handles

Saving time and money... exponentially

Overview

The Timbercon EZ² and EZ³ electrical loopback array handles hold Timbercon QSFP+ and QSFP28 loopback modules used for testing and qualifying high speed optical transport and routing platforms. Inserting and extracting large numbers of these modules in high port count elements is a time-consuming and arduous task for engineers and technicians. Timbercon now offers rugged glass-filled polymer handles designed to gang together 2 or 3 loopback modules. This allows the user to insert/extract multiple loopbacks at one time, greatly reducing the time needed to populate or depopulate the system. The use of handles also reduces repetitive motion fatigue caused from tedious insertions and removals experienced by technicians. Test time can be reduced by as much as 65%, **saving time and money... exponentially.**

Applications

– QSFP+ (40 Gbps) and QSFP28 (100Gbps) port system testing using multiple electrical loopbacks with one motion
– HASS and HALT testing
– Diagnostic testing

Features

– Made from glass-filled polycarbonate for durability
– Availabe in 1x2 and 1x3 arrays
– Works with industry standard QSFP port cages
– Available in back-to-back and belly-to-belly configurations
– Tab colors indicate speed (40Gbps, 100Gbps)
– Power Class is defined by the colored stripe on the handle
– All loopbacks are MSA compliant

Benefits

– Economical; reduces up to 65% of technician test time on manufacturing floors
– Ergonomic; eliminates pinch grip
– Prevents injuries caused by repetitive motion activities, such as tendinitis and bursitis
– Power Class and speed easily identified by color

Custom EEPROMs Available

Timbercon is capable of programming your QSFPs specifically for your testing needs. As with most manufacturers, custom products may require varying degrees of effort to produce a quotation. Please call and ask for a sales representative and we can begin working on a solution for you today.

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Power Class Colors

The power class of your loopbacks is identified not only by the part number of your loopbacks, but also by the color stripe on the handle itself.

Power Classes		
Power Class	Power Consumption	Handle Color
1	1.5W	Blue
2	2.0W	Purple
3	2.5W	Green
4	3.5W	Yellow
5	4.0W	Orange
6	4.5W	Pink
7	5.0W	Red

About Timbercon

Timbercon, Inc., founded in 1997, is a fiber optic product and solution manufacturing company providing a variety of connectivity solutions to the defense, aerospace, medical, data storage, telecommunications, industrial, broadcast and networking industries. In addition to standard fiber optic assemblies and attenuated loopbacks, Timbercon has pioneered many proprietary products. Additional company information can be found at www.timbercon.com.

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