The Methode dataMate™ DM7087 G.fast SFP packs an entire G.fast to Ethernet physical layer bridge into a convenient small form-factor pluggable module for use in a CPE or residential gateway. G.fast is the newest advance in xDSL (digital subscriber line) technologies developed to deliver ultra-fast broadband services over existing copper cable infrastructure. Compliant to ITU-T specifications G.9700 and G.9701 and tested to K.21 lightning voltage and current requirements, the Methode G.fast SFP module is now ready for broad deployment. It delivers broadband services at fiber-like speeds ranging from 100Mbs to 1Gbs depending on loop length, significantly faster than VDSL. The Methode G.fast SFP module is pluggable so migrating to technology improvements or even adapting to new cable types, is easy.

Features:

- Most compact SFP G.fast bridge on the market today
- Shortest CPE bezel protrusion length in the industry
- Implemented as a Small Form-factor Pluggable (SFP) MSA compliant transceiver module
- Adapts G.fast compliant network interface to SGMII via SFP interface
- K.21 lightning protection embedded
- Heavy duty, high-mass cast housing for superior thermal management
- Lever and push button latch options
- Ultra-low radiated emissions (EMI)
- Rugged design for consumer environment
- Backed by the industry’s most experienced copper module design team and world class customer support