



# Volition™ VF-45™

## Maintenance Cleaning Kit & Mechanical Plug Cleaner

### Volition™ Maintenance Cleaning Kit

The Volition Maintenance Cleaning Kit from 3M keeps VF-45™ fibre interconnects in wall boxes, patch panels or electronic equipment operating at a 'just installed' optical performance level. The system comprises a spray bottle of Volition HFE-Based Cleaning Fluid and separate attachments designed for VF-45 socket and plug insertions. HFE-based cleaning fluid is non-flammable and non-conductive. The maintenance cleaning kit is a convenient, effective and quick way to clean fibre end faces, without disassembly from face plates or panels.

### Application

For socket cleaning, insert spray head into socket. For plug cleaning insert spray head into plug adaptor and insert the plug into the other end of the adaptor. Activate the trigger on the bottle one full stroke to apply a stream of fluid to clean both fibres.

### Caution

The Volition HFE-Based Cleaning Fluid has unique properties. The VF-45 interconnect should only be cleaned with this fluid or with the VOL-0570 B Mechanical Plug Cleaner.



Volition™ VF-45™ Maintenance Cleaning Kit

### Volition™ Mechanical Plug Cleaner

This mechanical cleaner is supplementary to our existing VF-45™ Cleaning Kit. This cleaner is the perfect solution for patch cables with a high mating frequency, for example, test leads. It is especially useful in a dirty environment, like shell construction, and improves the efficiency of the installation

The cleaner uses a mechanical wiping process which gives a clean fibre end face even if the debris on the fibre is quite heavy. It works by rubbing the fibre ends over a special cleaning wipe, which is soaked with Isopropanol. The IPA dries quickly allowing testing or installation to continue without interruption.



Volition™ VF-45™ Mechanical Plug Cleaner

### Features

#### Volition™ Maintenance Cleaning Kit

- Front access spray cleaning
- HFE-based cleaning solution
- Replacement bottle of cleaning solution

#### Volition™ Mechanical Plug Cleaner

- Automatic unlatching of the VF-45™ Plug after cleaning
- Compact tool pouch with all components inside
- Compatible with all VF-45™ plugs
- Quick and easy "one wipe" cleaning process
- Extends the lifetime of test leads
- Dries quickly allowing testing to continue uninterrupted

### Benefits

#### Volition™ Maintenance Cleaning Kit

- Easy maintenance in tight spots / No disassembly of wall plates / Reduced labour
- Non-flammable / Non-conductive
- Cost effective

#### Volition™ Mechanical Plug Cleaner

- Easy to operate
- Light weight
- Guarantees consistent interconnect insertion loss performance
- Removes debris on fibre ends, which cannot be removed by the spray cleaner
- Reduces costs
- Saves measuring time

