



THERMAL ADHESIVE COATED (TAC) FIBER SYSTEM

Fiber and Tools for In-Building Installations

TE Connectivity's (TE) thermal adhesive coated (TAC) fiber system provides fast, flexible and nearly invisible installation of fiber cable within a home or business.

Utilizing a lightweight, portable handheld fiber tool and 900 micron fiber microcable with integrated adhesive, installers are able to quickly and easily install fiber around baseboard, windows and trim work.

When turned on, the handheld device triggers the heat-activated adhesive in the fiber — allowing the fiber to bond continuously to the surface area as it is applied.

BENEFITS

- Fiber bonds consistently to common surface types in any indoor environment
- Does not require messy caulking, staples or brackets
- Same tool/cabling can be leveraged for any indoor installation
- Installed cable almost undetectable to the casual observer
- Reduced bend radius fiber technology is less susceptible to attenuation loss as a result of handling and tight bends
- Microcable compatible with field installable connectors, or can be fusion spliced into the network
- Cordless, portable — fiber dispenser tool travels anywhere

FEATURES

- Microcable fiber adheres to surface area with heat activation
- Fast installation at up to 1 inch/s (3 cm/s)
- Ergonomic, battery-operated handheld fiber dispenser tool
- Removable sleeve on handheld device enables quick disengagement of fiber cable
- Available in 300, 500 and 1000 foot cable spools

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SPECIFICATIONS

Fiber Optic Cable

Construction characteristics

Fiber type:	900 um buffered fiber over-coated to 1.2 mm with clear hot melt adhesive
Glass:	Singlemode ITU-T G.657B3
Cable diameter:	1.1 - 1.2 mm
Color:	Clear or white

Environmental

Operating and installation temperature:	0° C to 50° C
Storage temperature:	-40° C to 65° C
Shipping temperature:	-40° C to 65° C
UV rating:	Tested to ATSM G.155 Xenon arc cycle 4 with window glass filter (500 hours)
Compliances:	ROHS & REACH

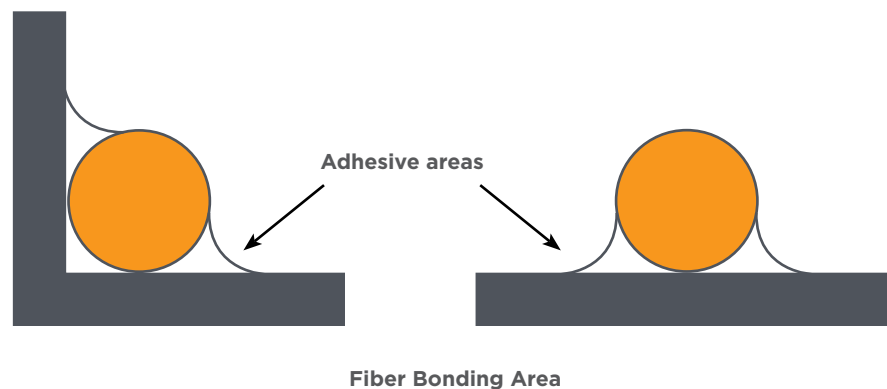
Handheld Applicator Tool

Power Source	4 AA batteries (included)
Wattage	8 to 11 watts
Maximum tip temperature	375° F
Time to melt temperature (190° F)	< 2 minutes
Certification	CE mark

Touch-Up Adhesive

Re-sealable tube with applicator tip,
Siliconized acrylic latex

Color:	White, dries clear
Compliance:	ROHS & REACH compliant



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ORDERING INFORMATION

Description			Part Number
Handheld tool kit; Includes handheld fiber dispenser tool, tip, spring clip, and sleeve with finger protector.			FTAC-3G11000
Handheld accessories; Replacement parts for handheld tool. Includes tip, spring clip, and sleeve with finger protector.			FTAC-3G13000
Radius limiters	Full corner radius limiters (quantity 25)		FTAC-21C
	Half corner radius limiters (quantity 25)		FTAC-22C
TAC Cable Spools	Clear cable	1000'	FTAC-1A1000C00000
		500'	FTAC-1A0500C00000
		300'	FTAC-1A0300C00000
	White cable	1000'	FTAC-1A1000W00000
		500'	FTAC-1A0500W00000
		300'	FTAC-1A0300W00000
Touch-up Adhesive	Tube	FTAG-4G1	



Handheld tool with installed tip and spring clip (bottom), and sleeve with finger protector (top)



Handheld fiber tool with sleeve and finger protector installed.

For more information, visit www.te.com/TACfiber

te.com

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