



## FISCHER TQ00.002 CONNECTOR ASSEMBLY TOOL For DKE and DSR 15.2 types

Stock code

**48-199**

Brand

Fischer Connectors

Model number

**TQ00.002**



### FISCHER TRIAX CONNECTORS - 1051 Series

Industry standard Fischer 1051 series triax connectors, sealed to IP68, for studio, outside broadcast and microwave links.

The 1051 triax connector series was completely re-engineered in 2007 resulting in fewer internal parts aiding quick and reliable termination, a more rugged exterior, IP68 protection when mated or fitted with dust caps and improved RF / HD / 3G HD performance.

The internal cable clamp components for a particular cable size are common to both SE and KE free cable-end connector styles. Once assembled the mating interfaces may be quickly and easily replaced if damaged, or swapped if cables are accidentally deployed the wrong way around, without disturbing the cable termination. (Note that the dust caps are attached to the strain relief on free cable types so will need to be removed and swapped or replaced if a connector gender change is permanent.) Special tooling may be required to terminate the cable or fit the connector interfaces, refer to assembly instructions for the individual connectors for clarification, (crimp tools are available to special order.)

A high performance version of the 1051 series has been developed in cooperation with Draka who have produced a matched Triax 11 HD pro cable. The Triax HD pro+ system can extend triax performance to over 1500m; see [FISCHER TRIAX CONNECTORS - 1051 HD pro+ Series - Extended distance](#) and see [DRAKA TRIAX 11 HD PRO CABLE - Extended performance](#)

#### Cable Types

Both plug (SE) and socket (KE) come complete with a dust cap on a lanyard cord to protect against ingress of dust and dirt. The rugged outer design of free cable-end types includes an integrated protective ribbed TPE sleeve and a strain relief boot. An additional universal outer sleeve that fits over all cable plug or socket covers all exposed metal parts and is a recommended option.

Plugs and sockets to fit cable up to 15.2mm are available to special order.

#### Panel Mount Types - Cable Clamp Termination

Rigid latching caps with a lanyard cord for attachment to termination panels are a recommended accessory to seal panel connectors when not in use. (Canford tailgate panels feature a threaded fixing hole and screw adjacent to each connector position to secure the cap lanyard cord.)

A hook ('C') spanner (for DKE and DSR) and nut driver (for DKBE) are required to fit the special panel mounting nuts. A spanner for the inner threaded ring (for DKE and DSR) are suggested to assist in fitting the cable connectors.

#### Panel Mount Types - Open Rear Termination

Open-backed, solder-termination panel-mount styles are suitable for use only in dry and clean environments such as closed cases or camera / CCU housings. The outer screen is terminated onto a tab washer so does not fully surround and protect the inner cores from electrical interference. These types are not suitable for pulling through ducting after termination since the outer screen and jacket are not secured to the connector body. They are not recommended for use in conjunction with the Triax HD pro+ cable system.

#### Couplers and Panel Feedthroughs

Couplers may be used to join cables or interface with panel connectors where plug-to-plug (SE-SE) or socket-to-socket (KE-KE) connections are required. Square flange mount couplers allow connection between cable plug-to-plug (SE-SE) or cable plug-to-socket (SE-to-KE) through a panel. 1051 series couplers and feedthroughs are completely compatible with Triax HD pro+ connectors.

#### Ordering Note

Fischer specify connector mating interfaces and cable clamp kits (which includes strain relief and dust cap for SE and KE types) separately however Canford has combined all required components for each connector under a single stock code to simplify ordering.

Dust caps for panel types and the additional protective sleeve for cable types should be ordered separately.

Spare cable clamp sets, crimp sleeves and crimp/solder pins are available to special order, please contact Technical Support.

#### Optional Accessories

Canford triax termination panels: Available for all Fischer triax and many other video, fibre and audio connector series, see [CANFORD TAILBOARD AND WALLBOX TERMINATION PANELS - Flat - Video - Unpopulated](#), or see [CANFORD TAILBOARD AND WALLBOX TERMINATION PANELS - Angled - Video - Unpopulated](#).

Custom panels and wallbox plates: Custom and mixed layouts, engraved labels and mounting posts are available to special order. Please telephone the custom metalwork sales office on +44 (0) 191 4181188

Canford high capacity, heavy duty cable drums: The CD2, CD3, CD4600, CD4700 and CD4800 series' are recommended to accommodate Triax assemblies, see [Canford Cable Drums - Steel drum, fully-enclosed steel frame](#), see [Canford Cable Drums - Steel drum, high capacity](#), and see [Canford Cable Drums - Steel drum, high capacity, stackable](#).

Cable drum capacity calculator: Available at [canford.co.uk/Technical/Article/CableDrumCalculator](http://canford.co.uk/Technical/Article/CableDrumCalculator). Simply fill in the cable length, diameter and weight per metre and the calculator will display all suitable drums and the total weight including drum.

## Alternatives

Standard triax assemblies are available, see Cable Assemblies. Custom lengths and connector combinations, repairs and the use of free issued cable and/or connectors are also available.

Description	
	FISCHER 1051 KE 8.7 TRIAX CONNECTOR Cable socket, including cable clamp and cap Stock code: <a href="#">48-186</a>
	FISCHER 1051 SE 8.7 TRIAX CONNECTOR Cable plug, including cable clamp and cap Stock code: <a href="#">48-187</a>
	FISCHER 1051 KE 11.3 TRIAX CONNECTOR Cable socket, including cable clamp and cap Stock code: <a href="#">48-181</a>
	FISCHER 1051 SE 11.3 TRIAX CONNECTOR Cable plug, including cable clamp and cap Stock code: <a href="#">48-182</a>
	FISCHER 1051.1569 PROTECTIVE SLEEVE For SE and KE cable types Stock code: <a href="#">48-183</a>
	FISCHER 1051 DKE 8.7 TRIAX CONNECTOR Panel socket with cable clamp, front mount Stock code: <a href="#">48-207</a>
	FISCHER 1051 DSR 8.7 TRIAX CONNECTOR Panel plug with cable clamp Stock code: <a href="#">48-208</a>
	FISCHER 1051 DKE 11.3 TRIAX CONNECTOR Panel socket with cable clamp, front mount Stock code: <a href="#">48-205</a>
	FISCHER 1051 DSR 11.3 TRIAX CONNECTOR Panel plug with cable clamp Stock code: <a href="#">48-206</a>
	FISCHER 1051 DKE 15.2 TRIAX CONNECTOR Panel socket with cable clamp Stock code: <a href="#">48-190</a>
	FISCHER 1051 DSR 15.2 TRIAX CONNECTOR Panel plug with cable clamp Stock code: <a href="#">48-191</a>

Description	
	FISCHER 1051 DB 8.7 TRIAX CONNECTOR Panel socket, open rear termination Stock code: <a href="#">48-203</a>
	FISCHER 1051 DS 8.7 TRIAX CONNECTOR Panel plug, open rear termination Stock code: <a href="#">48-204</a>
	FISCHER 1051 DB 11.3 TRIAX CONNECTOR Panel socket, open rear termination, cable guide Stock code: <a href="#">48-201</a>
	FISCHER 1051 DS 11.3 TRIAX CONNECTOR Panel plug, open rear termination, cable guide Stock code: <a href="#">48-202</a>
	FISCHER 1051.1577 DUST CAP For all KE / DKE / DKBE / DB sockets Stock code: <a href="#">48-188</a>
	FISCHER 1051.1576 DUST CAP For all SE / DS / DSR plugs Stock code: <a href="#">48-189</a>
	FISCHER TX00.105 C SPANNER For panel mounting DKE 8.7 / 11.3 / HD pro+ and all DS / DSR types Stock code: <a href="#">48-193</a>

### Discontinued products

	FISCHER 1051 DKBE 8.7 TRIAX CONNECTOR Panel socket with cable clamp, rear mount Stock code: <a href="#">48-1801</a>
	FISCHER 1051 DKBE 11.3 TRIAX CONNECTOR Panel socket with cable clamp, rear mount Stock code: <a href="#">48-1802</a>
	FISCHER 1051 SE-SE TRIAX COUPLER For KE / DKE / DKBE / DB plug-plug connection Stock code: <a href="#">48-1803</a>
	FISCHER 1051 KE-KE TRIAX COUPLER For SE / DSR / DS socket-socket connection Stock code: <a href="#">48-1804</a>
	FISCHER 1051 KE-KE TRIAX COUPLER Panel mount, sq flange, for SE socket-socket connection Stock code: <a href="#">48-1805</a>
	FISCHER 1051 DS-K TRIAX COUPLER Panel mount, sq flange, for SE to KE connection Stock code: <a href="#">48-1806</a>
	FISCHER TQ00.001 CONNECTOR ASSEMBLY TOOL For DKE and DSR 8.7 / 11.3 types Stock code: <a href="#">48-185</a>

**Description****FISCHER TQ00.002 CONNECTOR ASSEMBLY TOOL** For DKE and DSR 15.2 typesStock code: **48-199****FISCHER TX00.106 C SPANNER** For panel mounting DKE 15.2 typesStock code: **48-197****FISCHER TQ00.005 NUT DRIVER** For panel mounting DKBEStock code: **48-1809**

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