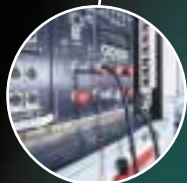


# *FISCHER® BROADCAST TRIA X SERIES 1052*

*PROFESSIONAL TRIAX CONNECTORS FOR  
AMERICAN-STANDARD BROADCAST CAMERAS*



*STUDIOS*



*REMOTE  
LOCATIONS*



*CAMERAS*



*CONTROL  
CENTERS*



**FISCHER® CONNECTORS**  
**CONNECT TO THE FUTURE™**



## PICTURE PERFECT

*New! Professional Triax Connectors for American-Standard Broadcast Cameras*



S E R I E S

1052

The Fischer® Video Triax Connector Series is engineered to meet the rigorous demands of the American-Standard broadcast industry. The high-performance Series 1052 completely intermates with standard triax connectors, providing superior quality and functionality. They are compatible with standard triax 3/8 in. and 1/2 in. 75 Ohm cables.

For more than 20 years, Fischer Connectors has been a major supplier of triax connectors to the international professional television market. The Series 1052 makes this performance, reliability and competitive pricing available to all users standardized on the American system, including:

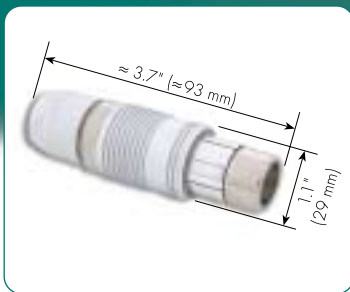
- Networks
- Local stations
- Production companies
- Independent contractors

Fischer Series 1052 connectors promote picture integrity by protecting sensitive signals from RFI interference with integral shielding within the connector body, and by routing all signals through contacts plated with a minimum of 1  $\mu\text{m}$  of gold – significantly more than competing products. Fischer connectors are constructed from solid brass, machined and chrome-plated bodies – easily withstanding the day-in-day-out use and abuse typical of the production broadcast environment.

Long-term reliability is also enhanced with Fischer's proven sealing system which guarantees resistance to rain and moisture, dirt and dust.

The Fischer 1052 Video Triax Connector System includes:

- Cable plugs and receptacles
- Chassis plugs and receptacles
- Sealing caps



**SE 1052 A000 +**

- Cable Plug
- IP65 sealing
- Alternate to Kings 7705
- See available Cable Clamp Assemblies



**KE 1052 A000 +**

- Cable Receptacle
- IP65 sealing
- Alternate to Kings 7703
- See available Cable Clamp Assemblies



**DS 1052 A001**

- Chassis Plug
- Alternate to Kings 7704-5 and 7704-6



**DB 1052 A001**

- Chassis Receptacle
- Alternate to Kings 7703-1 and 7704-2



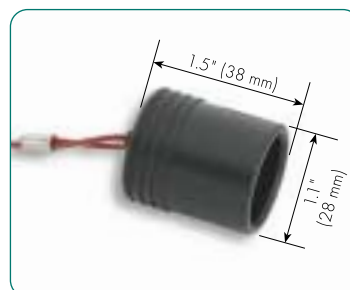
**DSR 1052 A000 +**

- Chassis Plug with Cable Clamp
- IP65 sealing
- Alternate to Kings 7702-1, 7702-2 and 7702-3
- See available Cable Clamp Assemblies



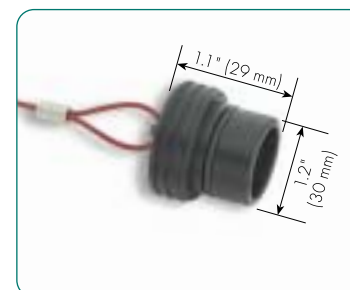
**KBE 1052 A000 +**

- Chassis Receptacle with Cable Clamp
- Permits installation with cable pre-assembled
- IP65 sealing
- Alternate to Kings 7702-7, 7702-8 and 7702-9
- See available Cable Clamp Assemblies



**1052.502**

- Sealing Cap for Receptacles
- Heavy-duty lanyard prevents loss



**1052.500**

- Sealing Cap for Plugs
- Heavy-duty lanyard prevents loss



## Cable Compatibility Guide

Normal Size	Cable Group	Cable O.D. (in.)	Cable Manufacturer	Cable Part Number	Contact Block and Clamp Set
3/8" (RG-59)	1	0.315	Belden	8232A	E3 1052.001.20 (SE) E3 1052.001.23 (KE)
			Mohawk	M50450	
			Nemal	1840	
	2	0.360	Belden	1856A	E3 1052.001.1 (SE) E3 1052.001.3 (KE)
				1857A	
				9267	
			CommScope	7811	
				7812	
				7814	
			Gepco	LVT61859	
				LVT61859S	
				VT61859	
			Mohawk	M80248	
			Nemal	1835	
1835F					
1/2" (RG-11)	3	0.475	Belden	8233A	E3 1052.001.30 (SE) E3 1052.001.33 (KE)
			CommScope	7820	
			Gepco	7820	
				7820PEF	
				VT61811	
			Mohawk	M50451	
	4	0.520	Belden	1858A	E3 1052.001.10 (SE) E3 1052.001.13 (KE)
				9192	
				9232	
			CommScope	7825	
				7826	
			Gepco	LVT61811	
			Mohawk	M52479	
			Nemal	1820	
1825					

**NEW**

**NEW**



# Tooling



Contact Crimping	Ferrule Crimping	Wrenches
<b>Hand Tool:</b> TX00.242 <b>Positioner:</b> SE plug: 3/8 in. TX00.321 1/2 in. TX00.319 KE receptacle: 3/8 in. TX00.322 1/2 in. TX00.320	<b>Hand Tool:</b> TX00.245 <b>Dies:</b> 3/8 in. cable TX00.277 1/2 in. cable TX00.278	<b>Cap Nut:</b> TX00.022 7/8 in. (22 mm) <b>Connector Body:</b> TX00.025 1 in. (25 mm) <b>Panel Nut:</b> TX00.025 1 in. (25 mm)
Note: Fischer contacts and ferrules are also compatible with Kings tooling.		

# Specification Chart

<b>Impedance:</b>	75 Ohms
<b>Insertion Loss:</b>	≤0.6 dB (≤1.5 GHz)
<b>VSWR:</b>	≤1.05 (0 - 0.5 GHz) ≤1.15 (0.5 - 1.0 GHz) ≤1.20 (1.0 - 1.5 GHz)
<b>Contact Resistance:</b>	≤3 milliOhm (per MIL-1344, Method 3002)
<b>Shield Resistance:</b>	≤2 milliOhm (per MIL-1344, Method 3002)
<b>Ground Resistance:</b>	≤10 milliOhm (per MIL-1344, Method 3003)
<b>Test Voltage:</b> Contact - Shield Shield - Ground	2.0 kVAC (rms) (per MIL-1344, Method 3001) 2.0 kVAC (rms) (per MIL-1344, Method 3001)
<b>Operating Temperature:</b>	-55°C to +135°C
<b>Sealing:</b>	IP65 (per IEC529)
<b>Materials:</b> Body Contacts Insulators Seals	Brass (nickel and chrome plated) Brass or Bronze (≥1 μm gold plated) Teflon® Silicone Rubber and TPE





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