

RCA Test Connector

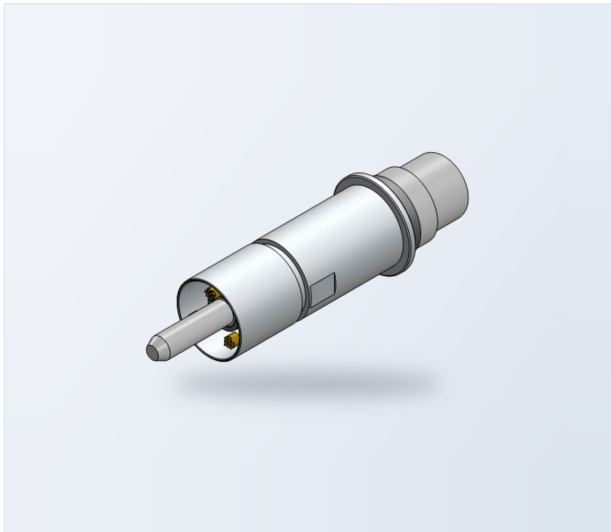
TCO-3742

The **TCO-3742** is a highly durable test connector for testing the RCA interface. A reliable, durable and highly accurate replacement for commercial cables and connectors.

The GND contact is made with spring probes, enabling a very low mating force compared to conventional RCA plugs.

The probes are covered with a 360° shield, protecting them from damage and improving the noise immunity of the test connector.

Designed for production testing, product development, repair and service centres, and laboratory use.



■ ELECTRICAL

Max. current	1.0 A
Max. voltage	20 Vrms
Operating temperature	0 – 60 °C
Storage temperature	–20 ... +70 °C
Relative humidity	15 – 95 % non-condensing

■ INTERFACE

Interface	RCA
GND contact	Spring probes
Shielding	360° shield

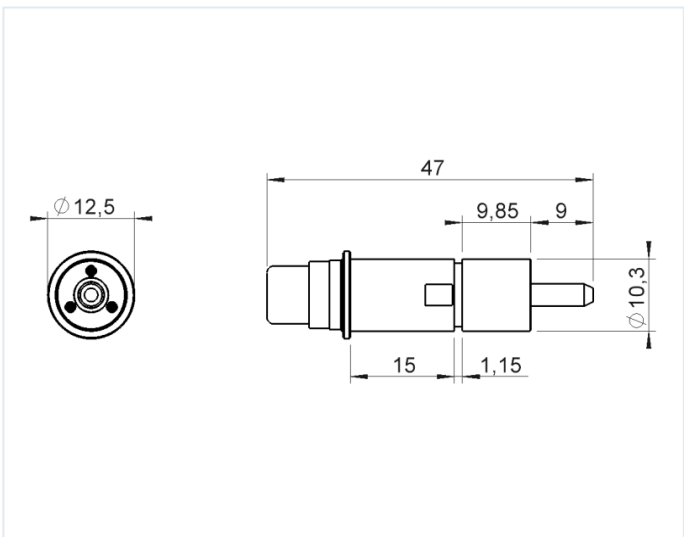
■ MECHANICAL

Durability	50 000 cycles (typ.)
GND probes working travel	2.4 mm (0.09 in)
GND probes max. travel	~2.8 mm (0.11 in)*
Compliance	RoHS

* A mechanical stopper in the test connector prevents the GND probes from travelling any further when plugged into a typical RCA female connector.

■ DIMENSIONS

mm



■ OPTIONAL ACCESSORIES

Float unit A float unit for this test connector is in development — contact sales@bluelec.com for availability.



3D CAD models available on request via sales@bluelec.com