

RJ45 (8P8C) Flex Test Connector

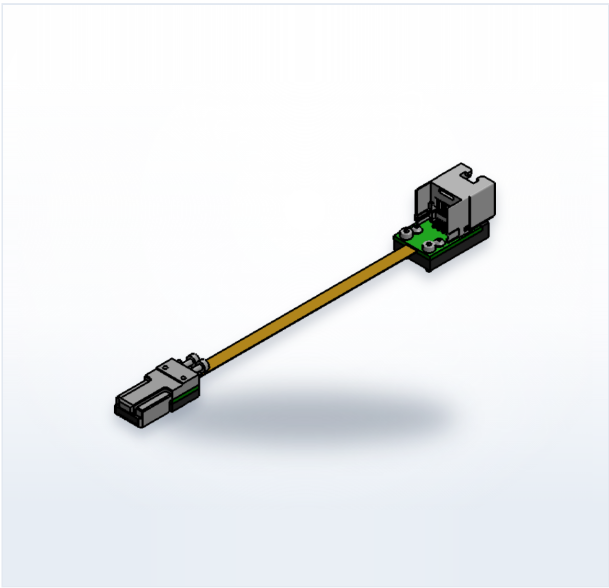
TCO-3886

The **TCO-3886** RJ45 (8P8C) Flex Test Connector is a straight signalling test connector for RJ45 interface testing — desktops, laptops, TVs, set-top boxes, ethernet routers and switches.

Its compact design suits space-limited applications, and the slim test-plug end makes it ideal for multiport sockets.

All eight conductors are routed straight through (1:1). High data-rate transmission is achievable and should be verified by the customer in the applied test setup.

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



! The flex cable is not designed for dynamic bending.

ELECTRICAL

Max. current	0.5 A
Max. voltage	20 Vrms
Dataline diff. impedance	100 Ω
Operating temperature	0 – 60 °C
Storage temperature	–20 ... +70 °C
Relative humidity	15 – 95 % non-condensing

PINOUT

straight 1:1

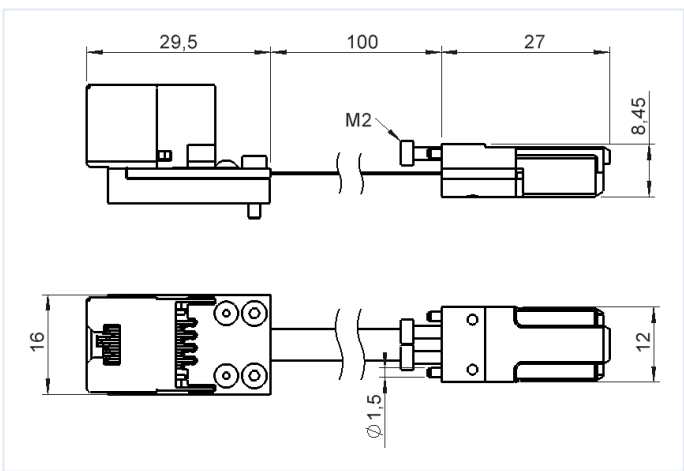
Socket		Plug
1	→	1
2	→	2
3	→	3
4	→	4
5	→	5
6	→	6
7	→	7
8	→	8

MECHANICAL

Mating force	9 N (typ.)
Unmating force	4 N (typ.)
Durability	50 000 cycles (typ.)
Flex bend radius, static	20 mm (0.79 in) (min.)
Flex length	100 mm (3.94 in)
Compliance	RoHS

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