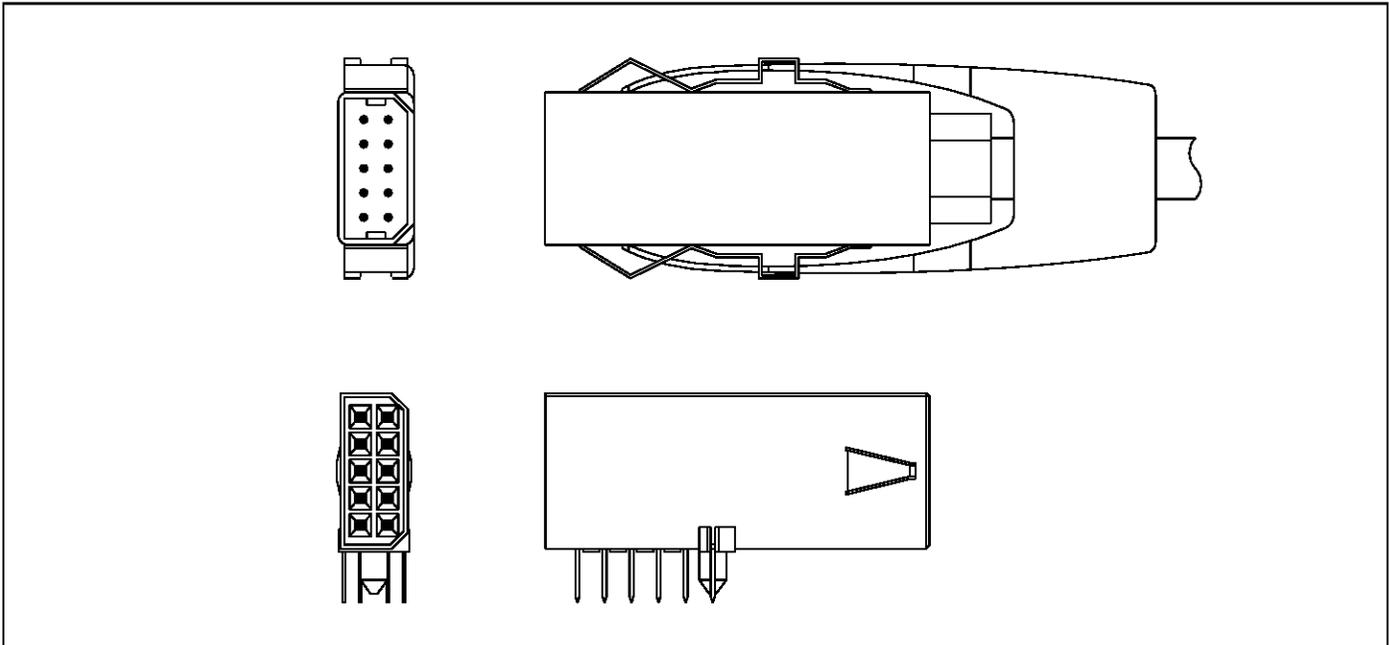


## DS-LINK CABLES AND CONNECTORS



### FEATURES

- Compact PCB mounted DS-Link socket
- Single DS-Link connection per cable
- Complete signal screening
- Robust
- Latching plug and socket combination
- Smaller than any comparable connector

### DESCRIPTION

The DS-Link connector standard has been introduced to ensure easy connection between equipment and systems based on this high performance serial communication specification.

A 10 way plug and socket system is used to support both differential DS-Link and system reset connections. This system consists of a cable-mounting male plug and a PCB-mounting female socket.

DS-Link cables consist of four shielded twisted pairs, which are then shielded overall. The same cables are suitable for both reset and DS-Link connections.

## 1.1 Introduction

The DS-Link connector standard has been introduced to ensure easy connection between equipment and systems based on this high performance serial communication specification.

A 10 way plug and socket system is used to support both differential DS-Link and system reset connections. This system consists of a cable-mounting male plug and a PCB-mounting female socket.

DS-Link cables consist of four shielded twisted pairs, which are then shielded overall. The same cables are suitable for both reset and DS-Link connections.

## 1.2 Product description

The DS-Link cable and connector products provide conveniently packaged combinations of components that can be used in conjunction with T9000 development systems and DS-Link evaluation kits.

The IMS CA90 provides a small number of DS-Link PCB mounted sockets for interfacing evaluation boards to DS-Link based systems or interfaces.

The IMS CA91 and IMS CA92 are packs consisting of three DS-Link plug terminated cable sets. These cables can be used to connect DS-Link based host interfaces to T9000 networks or DS-Link switching equipment.

## 1.3 Ordering information

Description	Order Number
IMS CA90. 10 x socket	IMS CA90-10
IMS CA91. 3 x0.5m cable	IMS CA91-3
IMS CA92. 3 x 2m cables	IMS CA92-3

Table 1.1 Ordering information

## 1.4 Manufacturer and distributor contact

If larger quantities of cables, plugs or sockets are required, please contact your local Harting Elektronik sales office or distributor directly.

---

Information furnished is believed to be accurate and reliable. However, SGS-THOMSON Microelectronics assumes no responsibility for the consequences of use of such information nor for any infringement of patents or other rights of third parties which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of SGS-THOMSON Microelectronics. Specifications mentioned in this publication are subject to change without notice. This publication supersedes and replaces all information previously supplied. SGS-THOMSON Microelectronics products are not authorized for use as critical components in life support devices or systems without express written approval of SGS-THOMSON Microelectronics.

© 1995 SGS-THOMSON Microelectronics - All Rights Reserved

 , **inmos** , IMS, occam and DS-Link are trademarks of SGS-THOMSON Microelectronics Limited.

 is a registered trademark of the SGS-THOMSON Microelectronics Group.

SGS-THOMSON Microelectronics GROUP OF COMPANIES

Australia - Brazil - France - Germany - Hong Kong - Italy - Japan - Korea - Malaysia - Malta - Morocco -  
The Netherlands - Singapore - Spain - Sweden - Switzerland - Taiwan - Thailand - United Kingdom - U.S.A.