DB9 Serial Communication Cable Assembly

These DB9 assemblies are suitable for automation technology and industrial PC external connections. The shielded cables are designed for fixed applications and indoor installation in environments with high electrical interference.

Overview

Reliable Serial Communication Solution

The DB9 Serial Communication Cable Assembly is designed for secure and efficient data transfer between devices requiring DB9 interfaces. Featuring fine stranded bare copper conductors and robust shielding options, these cables offer excellent resistance to external EMI. Their flexible design and variety of available lengths make them an ideal choice for professional environments where easy equipment changes and long service life are essential.

Technical Parameters

Minimum Bending Radius

- Fixed Application: 10D (D=cable diameter)
- During Installation: 15D (D=cable diameter)

Operating Temperature (Fixed)	-20 to 70
Installation Temperature	-5 to 70

Cable Construction

Insulation & Jacket Material

PVC Insulation • PVC Jacket

Shielding Types

- AL/Mylar screen (AL)
- AL/Mylar screen and tinned copper (AL+braid)

Conductor	Fine stranded bare copper wire
Connectors	DB9 connectors at both ends

Performance & Compliance

EMI Protection

100 %
EMI Resistance

Flame Resistance	According to IEC60332-1
Key Properties	EMI Resistant, Flexible Use, Long Service Life, Multiple Lengths