

CANBUS FD Star Quad Cable

This cable is widely used in many bus systems to build networks for automation technology. It is suitable for drag chains or frequent movement and features a star quad cable design.



Overview

High-Performance Data Transmission

This CANBUS FD Star Quad Cable is engineered for reliable data transmission in demanding industrial environments. Featuring a robust PUR jacket and shielded construction, it offers excellent immunity to electromagnetic interference and superior resistance to oil, abrasion, and hydrolysis. Its star quad design allows for a smaller outer diameter, making it an ideal choice for space-constrained automotive and automation control applications.

Electrical Specifications

Test Voltage

1500 V

Test Voltage

Rated Voltage	300 V
Characteristic Impedance	120 Ω

Temperature Range

Fixed Application	-40°C ~ 80°C
Moved Application	-20°C ~ 70°C

Mechanical Properties

Min. Bending Radius (Fixed)	10D
Min. Bending Radius (Moved)	15D

Cable Construction

Construction Materials

Component	Material / Detail
Conductor	Fine stranded bare copper
Insulation	Foamed PE
Shielding	Tinned copper braiding
Jacket	PUR
Jacket Color	Purple (RAL4001)

Features & Compliance

Standards

IEC60332-1 • DIN47100

Key Features

Flame Resistant, EMI Shielded, Oil Resistant, Abrasion Resistant, Hydrolysis Resistant, Halogen Free, Star Quad Design