

Bus/Data

Trex-Onics® PROFIBUS DP Type A Festoon/Trailing Cable

Trex-Onics® PROFIBUS DP Type A Festoon/Trailing Cable is designed for use in heavy-duty industrial festoon applications that demand flexibility. This festoon/trailing cable features Ultra-Shield construction, which includes a heavy-duty combination of tinned copper braid, foil shield, and tinned drain wire providing 100% protection from electromagnetic and radio frequency interference. It has a heavy-duty polyurethane jacket that provides protection from environmental abuse and offers resistance to cutting, abrasion, oil and chemicals.



Ratings



30V

Max Conductor Temperature 80°C

Cold Temperature Rating -40°C

Fieldbus Standard IEC 61158-2

Performance Characteristics

- ✓ Velocity of Propagation: 78% Nominal
- ✓ Impedance: 122.1 Ohms Differential, 78.8 Ohms Single-Ended
- ✓ Capacitance: 10.7 pF/ft. Mutual, 16.5 pF/ft. Single Ended
- ✓ Bend Radius (Static): 6x Cable O.D.
- ✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist



Flexing



Abrasion



Chemicals

Features & Benefits

Finely Stranded Tinned Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Tinned conductors resist corrosion and are easier to solder.

Specially Compounded High-Density Polyethylene (HDPE) Insulation System

Provides excellent dielectric and insulation properties.

Ultra-Shield Tinned Copper Braid Shield Plus Aluminum/Polyester Foil Shield Construction

Provides 100% protection against EM and RF interference and a low impedance path to ground. Protects equipment and motor damage from electrical noise and "stray voltage".

Specially Compounded Purple TPU Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, UV exposure, and most chemicals. Flame and heat resistant. Extreme all-weather flexibility.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part No.	Configuration AWG/Cond	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland*
60092	23/2	0.327	46	55002



Notes

*Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.