

Bus/Data

## HY-TREX® DeviceNet™ Cable - Thick

HY-TREX® DeviceNet™ Thick cable options are used with DeviceNet systems as a trunk cable, also known as a trunk line. Applicable in industrial automation applications to talk between controllers and devices such as motors, meters, sensors.



### Ratings



300V

Type CL3

AWM Style 20207

### Performance Characteristics

- ✓ Operating Temperature: -25°C to 80°C
- ✓ Impedance: 120 +/- 12 Ohms Single-Ended
- ✓ Capacitance: 12 pF/Ft. Cond-Cond 24 pF/Ft. Cond-Shield
- ✓ Propagation Delay: 1.47 nSec/FT. Nominal
- ✓ Bend Radius (Static): 6x Cable O.D.
- ✓ Bend Radius (Dynamic): 8x Cable O.D.

### Engineered to Resist



Flexing



Abrasion

### 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 TPE Insulation (Power Pair)

Resists effects of lubricating oils, coolants, cutting oils, acids, and most chemicals.

#### Specially Compounded Polypropylene Insulation (Communication Pair)

Polypropylene provides excellent dielectric and insulation properties.

#### 75% Coverage Tinned Copper Braid Shield Plus Aluminum/Mylar Foil Shield Construction

Aluminum/Mylar Foil Shield over each pair, tinned copper braid overall shield provides 100% protection against EM and RF interference.

#### Specially Compounded Gray TPE Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone and most chemicals.

### Ordering Information

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

Part No.	Power Conductor (AWG/No Pairs)	Communication Conductor (AWG/No. Pairs)	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland*
DN220-1814-2STP-SB	14/1 PR	18/1 PR	0.500	198	55004/55005



### 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.