



# FLEX-CABLE

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## BOX MOUNTING CABLE SETS TECHNICAL SPECIFICATIONS

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### Temperature Ratings

#### • Motor Power

- Hi-Trex MP 16, 125° C Max
- Hi-Trex MP 14, 125° C Max
- Hi-Trex MP 10, 125° C Max
- Hi-Trex MP 8, 125° C Max
- Hi-Trex MP 6, 125° C Max

#### • Encoder

- Hi-Trex FB, 125° C Max

#### • Brake

- Hi-Trex BR18, 125° C Max

### Minimum Bend Radius/O.D.

#### Specifications/Weight

#### • Motor Power (4 cond. /shielded)

- Hi-Trex MP16 = 5.6 in/.45 in( 11.4mm)/.127# per foot
- Hi-Trex MP14 = 5.75 in/.47 in(12.1mm)/.149# per foot
- Hi-Trex MP10 = 7.4 in/.61 in(15.5mm)/.285# per foot
- Hi-Trex MP 8 = 9.5 in/.77 in(19.6mm)/.427# per foot
- Hi-Trex MP 6 = 11.0 in/.87 in(22mm)/.727# per foot

#### • Motor Power (4 cond. shielded +shielded Pairs)

- Hi-Trex 16G = 6 in/.50 in (12.6mm)
- Hi-Trex 14G = 6.75 in/.55 in (14.1 mm)
- Hi-Trex 10G = 8 in/.66 in (16.7 mm)

#### • Encoder

- Hi-Trex FB = 5.6 in/.435 in. (11.1mm)/.125# per foot

#### • Brake

- Hi-Trex BR18 = 4.5 in/.380 in. (9.7mm)/.068# per foot

### Connectors

- |              |                 |
|--------------|-----------------|
| • ITT Cannon | Coninver        |
| • AMP        | Intercontec     |
| • Amphenol   | Interconnectron |

*Flex Rating = >30 Million Cycles*

*Min. Bend radius not exceeded*

### Environmental (Assemblies)

- MP Series, IP-67 when coupled to IP-67 rated mating connector
- MPF Series, IP-67 when coupled to IP-67 rated mating connector
- N Series, IP-67 when coupled to IP-67 rated mating connector
- H/F Series, IP-67 when coupled to IP-67 rated mating connector
- Y series, not IP rated
- TLY series, not IP rated

**For Technical Assistance, please call or email us: 231-937-8000 [motion.desk@flexcable.com](mailto:motion.desk@flexcable.com)**