

# Cables and Connectors

- Mating Connectors with Cable Clamps
- Shielded Cable without Connector
- Cable Assemblies



## SPECIFICATIONS

### MATING CONNECTORS WITH CABLE CLAMPS

Model No. (Description)	Use with Series	Pins
MCN-N1 (MS3106A-10SL-4S)	52BH	2
MCN-N2 (MS3106A-10SL-3S)	53Z, 53ZK, 71Z	3
MCN-N4 (MS3106A-14S-6S)	H20, 21/22, 60 Single-ended	6
MCN-N5 (MS3106A-16S-1S)	H20, H25, H26, 525, 526, 625 (H42, 21, 22 - Full Differential)	7
MCN-N6 (MS3106A-18-1S)	H20, H25, H26, 525, 526, 60, 60P, 625 - Full Differential	10
605560-0001	H58 (CW)	12
605560-0002	H58 (CCW)	12
600207 (MS3106A-20-29S)	AI25	17
606219-0001 (PT06E-14-195)	AI25	19

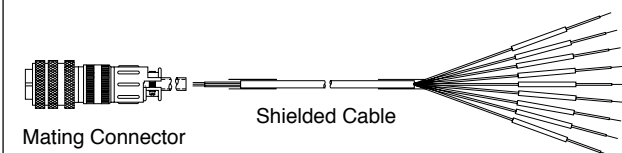
### SHIELDED CABLE WITHOUT CONNECTOR

Use this bulk cable with the mating connectors (at left) to build custom length cables (sold in 10 ft. increments only). Your order must specify model # and length of cable desired.

Model No.	Description
16002160022	(Alpha 2403) 3 wire, 22 gage cable for Model 53Z Pickup
16002160024	(Alpha 2254/6) 6 wire, 22 gage cable for Series X25, HA25, HR25, HA26, HR26, HC25, HC526, 21/22, 60 and H56
107312 (special)	10 wire, special cable for Series X25, H20, HA25, HR25, HA26, HR26, HC25, HC526, H58, with Full Differential Outputs
16002160029	(Belden 9504) 4 Pair, 24 gage for 60/H56 DIF, H42

INCREMENTALS

### Typical Incremental Encoder Cable



## CABLE ASSEMBLIES FOR INCREMENTAL ENCODERS AND GEAR PICKUPS

Dynapar brand offers shielded cable with MS or M12 connector and cable clamps at one end and stripped and tinned leads at the other end. Cable assembly wire color codes are usually included in the Electrical Connections Table on the specific product catalog page.

USE WITH ENCODER SERIES	OUTPUT TYPE	ENCODER PINS	CABLE PART NO.	CABLE LENGTH
52 Pickup	Variable reluctance	2	14002030010 14002030020 1400203xxxx	10' 20' Note 1
53Z Pickup 71Z	Current Sink Open Collector	3	14003340010 1400334xxxx	10' Note 1
60, 60P, H56 Armoured Cable	Single Ended	6	14002090010 14002090025 1400209xxxx	10' 25' Note 1 & 2
60, 60P, H56 Full Differential	Differential	10	14004190010 14004190025 1400419xxxx	10' 25' Note 1
21/22 without marker	Single Ended Current Sink Open Collector	6	14006070010 1400607xxxx	10' Note 1
21/22, 525, 526, 625, HA25, HR25, HC526 H42, HC25, HA26, HR26 without marker	7 Pin Line Driver Differential	7	14004310010 1400431xxxx	10' Note 1
21/22	6 Pin Line Driver Differential	6	14006640010 1400664xxxx	10' Note 1
22 with marker	Single Ended Current Sink Open Collector	6	108241-0010 108241-xxxx	10' Note 1
525, 526, 625, HA25, HR25, H26, HC25, HA26, HA725, HR26, HC526, HS35	Differential	10	14006350010 1400635xxxx	10' Note 1 & 3
H20, HS35	Single Ended Current Sink Open Collector	6	108594-0010 108594-xxxx	10' Note 1
H20, H58, HS35, HA725	Open Collector Push-Pull Single Ended	7	108595-0010 108595-xxxx	10' Note 1
H20, HA25, HC25, HR25, HS35, 525, 625	Differential 7 Pin Dif Line Driver w/o Idx	7	108596-0010 108596-xxxx	10' Note 1
H58, HS35, (CCW)	Any output with 12 Pin CCW Connector	12	108615-0010 108615-xxxx	10' Note 1
H58 (CW)	Any output with 12 Pin CW Connector	12	108616-0010 108616-xxxx	10' Note 1
AI25	Parallel Push-Pull	19	110158-0010 110158-xxxx	10' Note 1
AI25	Parallel Push-Pull	17	107865-0010 107865-0020 107865-xxxx	10' 20' Note 1
HS20, HS35	Differential 6 pin differential line driver without index	6	112123-0010 112123-xxxx	10' Note 1
21/22, H20, H58, HA25, HR25, HC25, HA26, HR26, HC26, HS20, HS35	Single Ended	5 (M12)	112859-0015 112859-0030 112859-XXXX	15' 30' Note 4
21/22, H20, H58, HA25, HR25, HC25, HA26, HR26, HC26, HS20, HS35	Single Ended or Differential	8 (M12)	112860-0015 112860-0030 112860-XXXX	15' 30' Note 4

**Note 1:** Cable assemblies may be custom ordered in multiples of 5' lengths. Example: To order a #14002030010 cable assembly in 15', specify #14002030015.

**Note 2:** Non-armoured cable for lengths over 25 feet.

**Note 3:** For NEMA4 Watertight cable change base number to 109209xxxx.

**Note 4:** In lots of 50 pieces minimum, cable assemblies may be custom ordered in multiples of 5' lengths. Example: To order a #112860 cable assembly in 50', specify #112860-0050.

INCREMENTALS ACCESSORIES