



# EZ Encoder® Cables and Accessories

## MS Connector Cables

Part #	Interface	Price
5 Pin M12 Connector		
CBL-5PIN-M12-002	5 pin, M12 Conn. with 2ft shielded cable	\$40
CBL-5PIN-M12-005	5 pin, M12 Conn. with 5ft shielded cable	\$40
CBL-5PIN-M12-020	5 pin, M12 Conn. with 20ft shielded cable	\$85
CBL-5PIN-M12-050	5 pin, M12 Conn. with 50ft shielded cable	\$175
CBL-5PIN-M12-100	5 pin, M12 Conn. with 100ft shielded cable	\$325

7 PIN M16		
CBL-7PIN-M16-002	7 pin, M16 Conn. with 2ft shielded cable	\$50
CBL-7PIN-M16-005	7 pin, M16 Conn. with 5ft shielded cable	\$50
CBL-7PIN-M16-020	7 pin, M16 Conn. with 20ft shielded cable	\$95
CBL-7PIN-M16-050	7 pin, M16 Conn. with 50ft shielded cable	\$185
CBL-7PIN-M16-100	7 pin, M16 Conn. with 100ft shielded cable	\$335

8 PIN M12		
CBL-8PIN-M12-002	8 pin, M12 Conn. with 2ft shielded cable	\$60
CBL-8PIN-M12-005	8 pin, M12 Conn. with 5ft shielded cable	\$60
CBL-8PIN-M12-020	8 pin, M12 Conn. with 20ft shielded cable	\$120
CBL-8PIN-M12-050	8 pin, M12 Conn. with 50ft shielded cable	\$240
CBL-8PIN-M12-100	8 pin, M12 Conn. with 100ft shielded cable	\$440

10 PIN M12		
CBL-10PIN-M12-002	10 pin, M10 Conn. with 2ft shielded cable	\$65
CBL-10PIN-M12-005	10 pin, M10 Conn. with 5ft shielded cable	\$65
CBL-10PIN-M12-020	10 pin, M10 Conn. with 20ft shielded cable	\$125
CBL-10PIN-M12-050	10 pin, M10 Conn. with 50ft shielded cable	\$245
CBL-10PIN-M12-100	10 pin, M10 Conn. with 100ft shielded cable	\$445

### MS-Connector Cable CBL-5PIN-M12-005

**A B C D**

- A: Encoder Cable
- B: 5PIN, 7PIN, 8PIN, 10PIN, 19PIN
- C: MS Connector: M12 (5-Pin, 8-Pin, or 10-Pin), M16 (7-Pin)
- D: 002 – 2 Ft
- 005 – 5 Ft
- 020 – 20 Ft
- 050 – 50 Ft
- 100 – 100 Ft
- 100 – 100 Ft8

M12 5-pin Pin-out			
Connector	Pin	config	Wire Color
	A	A	Red
	B	B	Yellow
	C	Ground	White/Black
	D	A	Red
	E	Z	Green

M16 7-pin Pin-out					
Connector	Pin	ABZ	Wire Color	ABZ	Wire Color
		config		config	
	A	A	White	A	Red
	B	B	Blue	B	Yellow
	C	Z	Yellow	A-	Red/Black
	D	Power	Red	Power	White
	E	NC	-	B-	Yellow/Black
	F	GND	Black/Green	GND	White/Black
	G	ground case		-Ground case	-

M12 8-pin Pin-out					
Connector	Pin	ABZ	Wire Color	ABZ	Wire Color
		config		config	
	A	A	Red	A	Red
	B	Power	White	Power	Yellow
	C	-	-	A-	Red/Black
	D	B	Yellow	B	Yellow
	E	-	-	B-	Yellow/Black
	F	Z	Green	Z	White/Black
	G	ground	White/Black	ground	Green
	H	-	-	Z-	Green/Black

M12 10-pin Pin-out			
Connector	Pin	ABZ	Wire Color
		config	
	A	A	Red
	B	B	Yellow
	C	Z	Green
	D	Power	White
	E	NC	-
	F	GND	White/Black
	G	ground case	-
	H	A-	Red/Black
	I	B-	Yellow/Black
	J	Z-	Green/Black