

For MELSEC positive common input / sink output (FCN 40P ↔ MIL 20P × 2, MIL 20P side branching type)

### FA-CBL\*\*FM2V



#### Specifications

Item	Specifications
Programmable controller-side connector	FCN367J040-AU/MW: Fujitsu Component
Conversion module-side connector	D7920-B500FL, D3448-7920: Sumitomo 3M × 2
Used cable	Round 40-core cable (black)
Conductor configuration	7/0.127 wires/mm (AWG#28)
Insulator outer diameter	0.88mm (0.04 inch)
Cable outer diameter, color	9.5mm (0.38 inch) (standard), black
Rated current	1A
Conductor resistance (20°C)	0.232Ω/m or less
Dielectric withstand voltage	500VAC for 1 minute
Insulation resistance	5MΩ·km or more
UL standard (cable area)	UL STYLE NO 2464 80°C 300V
Structure diagram	

#### Features

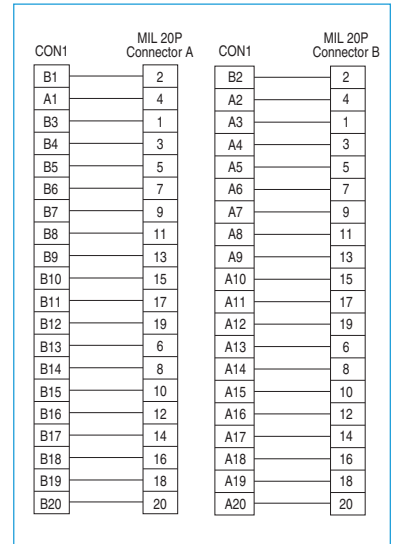
- This round 40-core cable comes out from the MELSEC-Q/AnS series FCN 40P connector-type I/O module and branches at the other end of the cable into two MIL 20P connectors, each connecting to a MELSEC-dedicated 16-point conversion module.
- The cable comes out vertically from the FCN 40P connector to prevent poor contact, cutting, etc. due to the tension applied to the upper end of the core wire.
- The cable cannot be used with general-purpose 20P conversion modules.

#### Related Materials

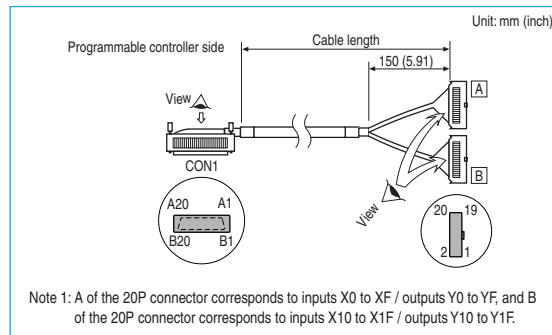
General Specifications 7-1

Model	Cable length	Weight
FA-CBL10FM2V	1m (39.38 inch)	Approx. 160g
FA-CBL20FM2V	2m (78.75 inch)	Approx. 270g
FA-CBL30FM2V	3m (118.12 inch)	Approx. 380g
FA-CBL50FM2V	5m (196.86 inch)	Approx. 600g

#### Wiring Diagram



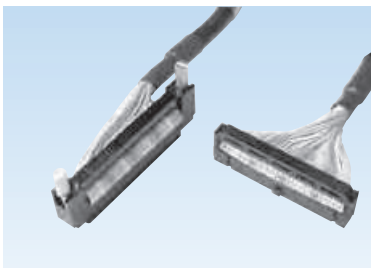
#### External Dimension



For MELSEC negative common input

(for FCN 40P ↔ MIL 40P)

### FA-CBL\*\*FMVE



#### Specifications

Item	Specifications
Programmable controller-side connector	FCN367J040-AU/MW: Fujitsu Component
Converter module-side connector	D7940-7500SC, D3448-7940: Sumitomo 3M
Used cable	Round 40-core cable (black)
Conductor configuration	7/0.127 wires/mm (AWG#28)
Insulator outer diameter	0.88mm (0.04 inch)
Cable outer diameter, color	9.5mm (0.38 inch) (standard), black
Rated current	1A
Conductor resistance (20°C)	0.232Ω/m or less
Dielectric withstand voltage	500VAC for 1 minute
Insulation resistance	5MΩ·km or more
UL standard (cable area)	UL STYLE NO 2464 80°C 300V
Structure diagram	

#### Features

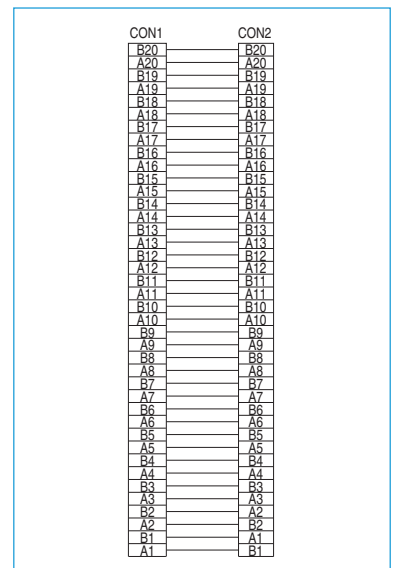
- This cable is used to connect a MELSEC-Q/AnS series FCN 40P connector-type negative common input module and a MELSEC-dedicated 32-point conversion module.
- The cable comes out vertically from the FCN 40P connector to prevent poor contact, cutting, etc. due to the tension applied to the upper end of the core wire.
- This cable cannot be used with general-purpose 40P conversion modules.

#### Related Materials

General Specifications 7-1

Model	Cable length	Weight
FA-CBL10FMVE	1m (39.38 inch)	Approx. 140g
FA-CBL20FMVE	2m (78.75 inch)	Approx. 270g
FA-CBL30FMVE	3m (118.12 inch)	Approx. 400g

#### Wiring Diagram



#### External Dimension

