

9.1 Standard Cable (8-way) & High Temperature Cable (8-way)

Mating connector and tinned wires on other end.
 Use this for DCV, SSI1-9, SPI1, ASI1-2 & BiSS-C comms.
 Use 10-way cable for A/B Pulse comms (Section 9.2).

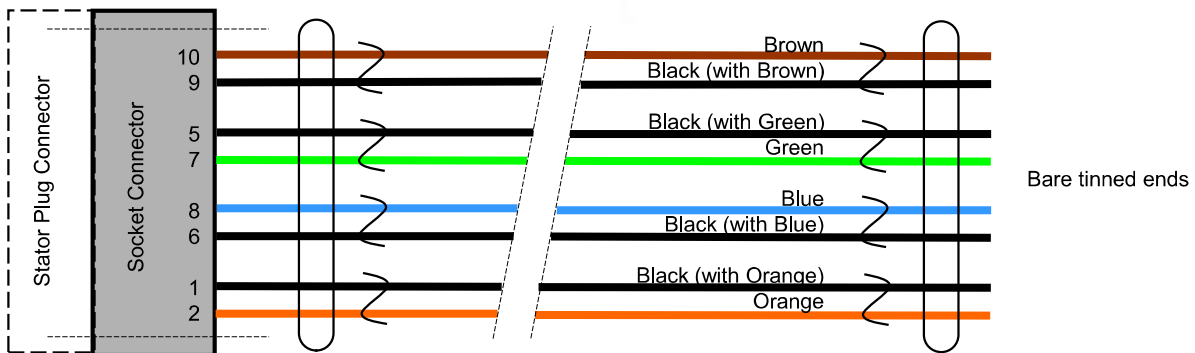
Standard Cable:-

- Product Option INC – CAB3 – 2 (2m long)
- Product Option INC – CAB3 – 5 (5m long)
- Product Option INC – CAB3 – 10 (10m long)



High Temperature Cable:-

- Product Option INC – CAB3 – 2 – HT (2m long)
- Product Option INC – CAB3 – 5 – HT (5m long)
- Product Option INC – CAB3 – 10 – HT (10m long)



Pair No.	Colour	Connector Pin (For Info. Only)	Signal (SSI1-8 & SPI & BiSS-C)	Signal (ASI1)	Signal (0-5V, 0-10V etc)
1	Brown	10	V _{supply}	V _{supply}	V _{supply}
1	Black	9	0V	0V	0V
2	Black	5	Data A	Data A	Signal
2	Green	7	Data B	Data B	Signal Ref.
3	Blue	8	Clock A	Not Used	Span Set
3	Black	6	Clock B	Not Used	Direction Set
4	Black	1	Zero Set	Zero Set	Zero Set
4	Orange	2	Zero Reset	Zero Reset	Reset

Notes

- Socket Connector: Harwin DataMate J-Tek 10-way with 2 jack screws, part number M80-461-10-42
- Temperature Rating = -30 to +60Celsius or 105Celsius for -HT (High Temp.) option
- Cable diameter = 6mm nominal
- Min. flexing rad. = 76mm with a 1-off bend radius (e.g. on installation) of 20mm
- Cable length = 2, 5 or 10m (±5%) as standard
- Cable sheath & outer jacket = PVC for standard & PTFE for -HT (High Temp.) option
- Conductors = 24 AWG multi-strand copper wires, twisted pairs, overall foil shield, tinned copper drain wire
- Conductor insulation = polyethylene for standard & PTFE for High Temp. option
- For integral cable connection table see Section 5.10.5.