

CABLES



1. Compensating cable link cables

To link controller/programmer thermocouple input to the recorder input.

Reference & description:

34013 - 3m 'jumper' compensating lead fitted with two type K thermocouple plugs



2. Compensating cable control leads

To connect separate, external controller/programmer units output to power source control input.

Reference & description:

33009 - 3m 3-core, programmer/contractor control lead



3. Thermocouple compensating cable

Suitable for use with type K thermocouples where monitoring thermocouples, in addition to the control thermocouples, are required for temperature monitoring purposes. Available in 30m lengths complete with type K thermocouple plug and socket or in 100m rolls without plug and socket (plugs and sockets can be supplied separately as required).

Reference & description:

34000 - 30m compensating cable c/w type K thermocouple plug and socket
504-062 - 100m roll of compensating cable without thermocouple plug or socket



4. Splitter cables

For use with triple cable sets. Splitters are used where the operator needs to connect multiple heating elements, in parallel, to triple cable sets to enable the control of multiple heating elements. This enables the heating elements to be grouped to a single control output from a heat treatment unit to allow accurate zonal temperature control.

Reference & description:

32001 2 Way splitter
32002 3 Way splitter
32003 4 Way splitter
32004 5 Way splitter



5. Triple cable sets

For use with treatment units controlling 30V, 40V, 60V and 80V heating elements. Includes two double insulated cables for power feed and return, fitted with 300A plug and socket connectors and one compensating cable fitted with type K thermocouple plug and socket.

Stock Reference	Item Description	Cable (mm ²)	Length (M)	Rating (Amps)
35010/10	Triple cable set (2x 50A cables + 1x compensating cable) with plugs and sockets	6	10	50
35010/20	Triple cable set (2x 50A cables + 1x compensating cable) with plugs and sockets	6	20	50
35010/25	Triple cable set (2x 50A cables + 1x compensating cable) with plugs and sockets	6	25	50
35010	Triple cable set (2x 50A cables + 1x compensating cable) with plugs and sockets	6	30	50
35020	Triple cable set (2x 135A cables + 1x compensating cable) with plugs and sockets	16	15	135
35024	Triple cable set (2x 135A cables + 1x compensating cable) with plugs and sockets	16	30	135
35048	Triple cable set (2x 180A cables + 1x compensating cable) with plugs and sockets	25	15	180
35032	Triple cable set (2x 180A cables + 1x compensating cable) with plugs and sockets	25	30	180
35033/15	Triple cable set (2x 280A cables + 1x compensating cable) with plugs and sockets	50	15	280
35033	Triple cable set (2x 280A cables + 1x compensating cable) with plugs and sockets	50	30	280

Quad cable sets

For use with the 3-Phase control trolley, to connect ceramic heating elements or channel elements.

Stock Reference	Item Description	Cable (mm ²)	Length (M)
35060	Quad cable (3x60A socket connectors, 1 x 300A plug connector, 5 Pin 415V plug)	16	30