

E81 Thermocouple extension cable pair and overall screened -30°C to +85°C

Specifications

Insulation material	Each wire inner high quality extruded PVC
Individual shield	Aluminium mylar tape, 100% coverage with drain wire.
Overall shield	Aluminium mylar tape, 100% coverage with drain wire
Shape	Round
Moisture resistance	Good
Flame resistance	Good
Temperature limits	-30/+85 °C

Conductors

Conductor type	Solid
Conductor size	0.8 mm
Number of pairs	2, 4, 6, 8, or 12 pairs
Construction	Twisted pairs ± 20 times per meter
Pair identification	Each pair numbered

Calibration

Thermocouple type	K, T, J, E, U, L, N, B, R or S
Limits of error	Conforms to IEC 584 and ANSI MC 96.1
Colourcode	According thermocouple calibration IEC, ANSI, BS etc.

Number of pairs	2	4	6	8	12	Pair
Outside diameter	7.0	10.0	11.5	12.5	15.0	mm
Weight	73	122	155	196	302	kg/km



Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

