

EMS-LD-T2

Leader cable and terminator kit, 4.6 m

The mandatory pair for one controller channel, in one kit

Kit of one 4.6 m non-sensing leader cable and one end-of-line terminator, the pair required per controller channel. The leader carries the signal 4.6 m without sensing, so the first 4.6 m of the route cannot be located; the terminator completes the loop so a cut cable is reported. It exists so a new panel is commissioned with the two items that are always needed together.

ORDERING INFORMATION

Part number	EMS-LD-T2
Kit contents	One 4.6 m (15 ft) non-sensing leader cable; one end-of-line terminator
Quantity rule	One kit per controller
Leader weight	0.14 kg at 29.7 g/m
Connection	4-pin twist-lock, 24.38 mm diameter
Coverage cost	The 4.6 m leader does not sense
Ships as	Kit
Compatible controllers	EMS-LD-C1, EMS-LD-C2, EMS-LD-C4, EMS-LD-C8, EMS-LD-C16

SPECIFICATION

Parameter	Value	Notes
Kit contents	One 4.6 m (15 ft) non-sensing leader cable and one end-of-line terminator	The two mandatory items per controller in one part number
Leader length	4.6 m (15 ft)	Fixed length
Leader weight	0.14 kg at 29.7 g/m	Cable mass before packaging
Sensing	None — the leader cannot report a position	The first 4.6 m of the route cannot be located
Quantity rule	One kit per controller	Mandatory item, not an optional accessory
Connection	4-pin twist-lock, 24.38 mm diameter, at both ends of the leader	Mates with the rope connector and the panel channel
Terminator function	Completes the loop so cable break and disconnect are supervised	Without it a cut cable reads as a quiet loop
Construction	Non-sensing cable, 6.0 mm diameter, no exposed metal	Same jacket family as the sensing rope
Operating temperature	0 to +75 °C	Cable assemblies in this series; the terminators and brackets are rated at the same ambient
Storage temperature	–30 to +85 °C	Before installation
Plenum rating	UL CL2P, meets NFPA 262	Cable assemblies in this series; required under a raised floor or in a ceiling air-handling space
Ingress protection	Not specified in this product class	No IP rating is published for the sensing cable or the standard controllers in this class

APPLICATIONS

- Commissioning a new controller channel
- One kit per controller covers the leader and the terminator in one order line
- Retrofit where the panel sits away from the run
- The 4.6 m leader sets the maximum gap between the rope end and the panel

COMPATIBLE WITH

- EMS-LD-R1 to EMS-LD-R500 locating rope
- EMS-LD-C1, EMS-LD-C2, EMS-LD-C4, EMS-LD-C8, EMS-LD-C16 controllers
- EMS-LD-X1, EMS-LD-X3, EMS-LD-X4, EMS-LD-X15, EMS-LD-X30 non-sensing cables
- The rest of the EMS-LD-T accessory ladder

INCLUDED IN THE BOX

- Kit
- Packing list carrying the model code
- Installation note giving the quantity rule for this item

SCOPE

- Sensing rope, leader cable and end-of-line terminator only
- No coolant distribution units and no cold plates

ACCESSORY LADDER

Parameter	Value	Notes
EMS-LD-T1	End-of-line terminator	One per supervised loop
EMS-LD-T2	Leader cable and terminator kit, 4.6 m	4.6 m leader, one kit per controller
EMS-LD-T3	Securing clip, pack of 50	Spacing 0.9 to 1.2 m
EMS-LD-T4	Caution tag, pack of 10	Spacing 3 m
EMS-LD-T5	X-connector for cable branching	One per branch, supervision maintained through the branch
EMS-LD-T6	Weighted cable connector	One per cable drop or floor transition
EMS-LD-T7	Wall enclosure with 24 VDC supply	100 to 240 VAC in, 50/60 Hz, 24 VDC out; 318 × 254 × 82.5 mm enclosure
EMS-LD-T8	19-inch rack mounting bracket	482 mm (19 in) rack

NOTES

- Accessories are specified by quantity and function; no failure-rate or lifetime figure is published for them.
- One leader cable and one end-of-line terminator are required per controller; without the terminator a cut cable reads as a quiet loop.
- Securing clips are spaced one every 0.9 to 1.2 m and caution tags one every 3 m, counted from the routed length rather than the floor distance.
- An IP rating is not specified for this product class; the ratings carried across the family are NEMA Type 1 (controller enclosure) and UL CL2P plenum (cable).
- Certification names are published on the badge cards; approval documents are shown on request.
- EMS-Trade Cooling stocks, inspects and packs this item; the model code travels on the packing list so a reorder matches the installed run.

Full specification sheet and current pricing EMS-Trade Cooling · ems-cool.com Typical lead time confirmed on order acknowledgement.	EMS-LD-T2 Rev. A 2026-09-19
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