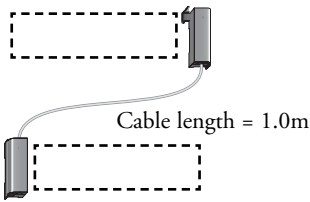


# Expansion I/O Configurations

## Expansion cables

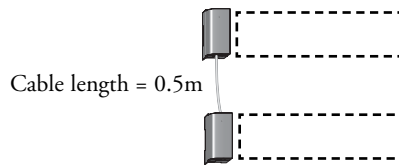
**T1K-10CBL** <--->  
**T1K-10CBL-1\*** <--->  
**Right side to left side expansion cable**

The T1K-10CBL(-1) connects the right side of an I/O base to the left side of the next I/O base. A maximum of two T1K-10CBL(-1) cables can be used per expansion system.



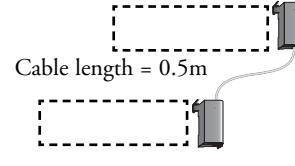
**T1K-05CBL-LL** <--->  
**T1K-05CBL-LL-1\*** <--->  
**Left side to left side expansion cable**

The T1K-05CBL-LL(-1) connects the left side of an I/O base to the left side of the next I/O base. Only one T1K-05CBL-LL(-1) cable can be used per expansion system and must be used with a T1K-05CBL-RR(-1) cable. **This cable cannot be connected to the left side of the network interface base.**



**T1K-05CBL-RR** <--->  
**T1K-05CBL-RR-1\*** <--->  
**Right side to right side expansion cable**

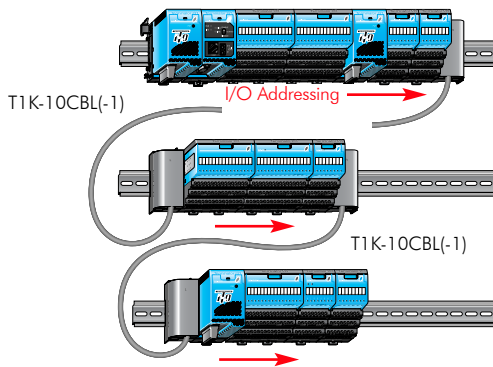
The T1K-05CBL-RR(-1) connects the right side of an I/O base to the right side of the next I/O base. A maximum of one T1K-05CBL-RR(-1) cable can be used per expansion system. **Note: When this cable is used, the expansion I/O assignments are from right to left (reversed).**



**\*Note:** The (-1) versions of the expansion cables pass 24 VDC through on an isolated wire. (All cables pass the 5 VDC base power.) Any local expansion DC input module configured for "internal power" (current sourcing) must either have a power supply preceding it on the same base or, have a (-1) version cable pass 24 VDC from a power supply on the preceding base.

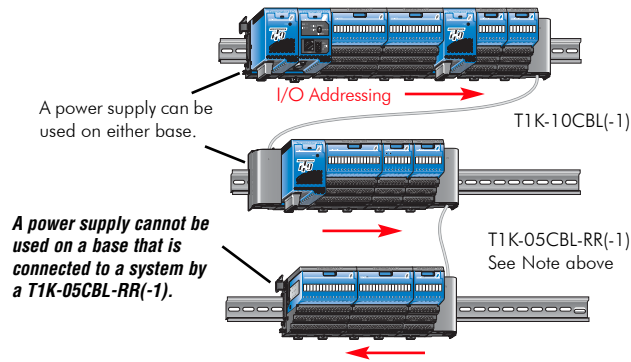
### Using two T1K-10CBL expansion cables

In the system below, power supplies can be used anywhere.



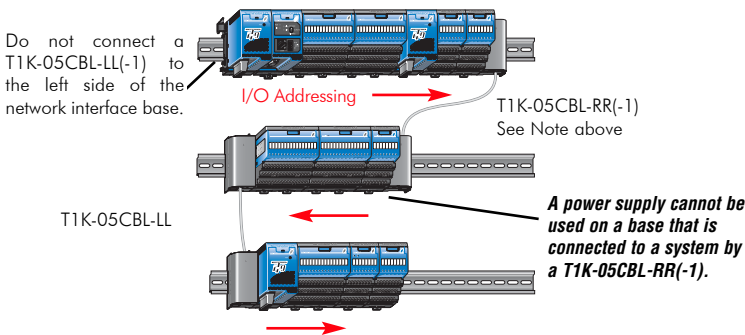
### Using T1K-10CBL expansion cable and T1K-05CBL-RR expansion cable

Power supplies can be used anywhere in the first two bases, but not in the last expansion base.



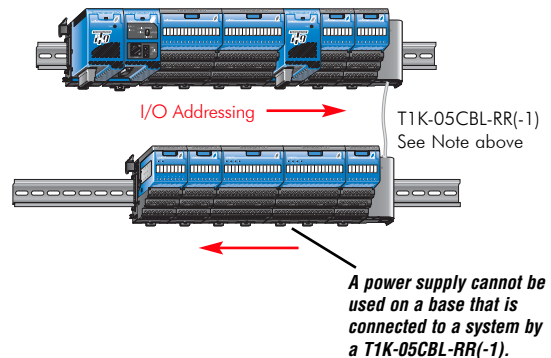
### Using T1K-05CBL-RR expansion cable and T1K-05CBL-LL expansion cable

Power supplies can be used anywhere in the first and third bases, but not in the second base.



### Using T1K-05CBL-RR expansion cable

Power supplies can be used anywhere in the first base, but not in the second base.



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- DL305 PLC
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