

ABSTRACT

This disclosure relates to the technical field of communication, in particular to a method, an apparatus and a system for sending and receiving data message by multiple sending and selectively receiving. The method includes: acquiring a data message to be sent; adding an identification field to each of the data messages, and the identification field includes a feature code of the data messages and a sequence number in a de-duplication array; replicating the data messages at least once to obtain at least one copy of the data messages; and sending the data messages and the copies of the data messages sent respectively via different links. In the embodiments of this disclosure, the memory consumed by caching the data messages at the receiving end in the de-duplication step is saved in the multiple sending and selectively receiving scheme.

The figure of Abstract is Fig. 2