

SIGNAL TRANSMISSION METHOD AND APPARATUS

ABSTRACT

This application provides a signal transmission method and an apparatus, and may be applied to the communication field. The method includes: A network device may modulate first
5 information by using a first modulation scheme and modulate second information by using a second modulation scheme in a first signal, to modulate the first information and the second information onto the first signal, where the first modulation scheme may be phase shift keying modulation or quadrature amplitude modulation, and the second modulation scheme is amplitude
10 shift keying modulation. The network device sends the first signal on a first time-frequency resource. According to the foregoing method, the network device sends information to two types of terminal devices on a same time-frequency resource by using different modulation schemes, to improve network resource utilization.

Fig. 2