

SIGNAL TRANSMISSION APPARATUS, AND SIGNAL TRANSMISSION APPARATUS COMMISSIONING METHOD AND DEVICE

ABSTRACT

This application discloses a signal transmission apparatus, and a signal transmission
5 apparatus commissioning method and device, and pertains to the field of optical communication
technologies. The apparatus includes: a service processing module, a signal processing module,
and an optical module. The service processing module includes a first interface, the optical module
includes a first channel, the signal processing module is separately communicatively connected to
the first interface and the first channel, and the first interface is communicatively connected to the
10 first channel. The first interface is configured to send an initial signal to the first channel. The first
channel is configured to obtain a first modulated signal based on the initial signal, and transmit the
first modulated signal. The signal processing module is configured to determine a parameter
adjustment policy based on a transmission status corresponding to the first modulated signal,
where the parameter adjustment policy indicates whether to adjust a matching parameter of the
15 signal transmission apparatus. The signal transmission apparatus sends the initial signal, and
automatically determines the parameter adjustment policy, to determine whether to adjust the
matching parameter. A commissioning process is a fully automated operation, so that
commissioning time of the signal transmission apparatus is effectively reduced, and efficiency is
high.

20 Fig. 1