

**Muliti\_services SDH Optical Transmission System [ADS-155SB]:**

|| Outline:

ADS-155SB is the STM-1 level Synchronous Digital Hierarchy (SDH) system , and fully complied with ITU-T standard . It has two 155.52Mb/s optical interfaces, and supports 24 E1 multiplexing and transmitting . ADS-155SB also has Network Elements Timing Function (NETF) recommended by the ITU-T G.813 standard . It has the capability of 63 x 63 VC-12 Non Blocking Cross Connection and 1+1 channel protection . It can be used as a Terminal Multiplexer (TM) or an Add-Drop-Multiplexer (ADM) to build point-to-point, ring and chain transmission network.

**Main Features :**

- ◆ Two STM-1 optical interface , with capability of 63 x 63 VC12 non-blocking cross-connect and 1+1 channel protection ;
- ◆ supports tributaries Add/Drop of 24 x E1 at most ;
- ◆ Assembled with corresponding interface cards , can provide E1 , Ethernet , V35 and some other interfaces ;
- ◆ Supports ITU-T G.813 standard NETF , switching automatically between multi time sources ;
- ◆ Provides Engineer Order Wire (EOW) interface (two-line model) , with group call and dial functions ;
- ◆ Provides F (Ethernet) and f (RS232) NMS interface , realizes ITU-T suggested five functions – network resources , equipment configuration , alarm , performance and security management functions ;
- ◆ Supports point to point , chain and ring networks , working with ADS-155C can build tangency ring , tributary ring and some other more complex networks ;
- ◆ Supports system software remote upgrading ;
- ◆ Alarm and perform information can be stored during the course of power off ;
- ◆ By changing the optical transceiver , supports ultra-long distance (≤80km) , long distance (≤50km) optical transmission.

**Application mode:**

