

Single Board SDH Optical Transmission System [ADS-155SA]:

|| Outline:

ADS-155SA is STM-1 optical transmission system, whose technical performances are fully complied with ITU-T recommendations. This system is benefit of high integration, flexible construction and strong network adaptability, etc. ADS-155SA provides two 155.52Mb/s aggregate line interfaces of A and B, possessing the network elements timing function of ITU-T G.813 recommendation, and VC-3/VC-12 full-crossing connection and channel protection functions . 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 optical interfaces can work independently or be set to mutual protection mode (1+1 optical channel protection) ;
- ◆ Supports up to 63 E1s' add/drop ;
- ◆ Provides an Ethernet interface via a Ethernet to E1 converter card ;
- ◆ Supports point-to-point, chain, ring and multi-ring networks topologies by co-working with RSM-155CP ;
- ◆ Provides the standard SEC(SDH Element Clock) function, which is regulated by the G.813, external timing interface, SSM function and automatic switching of multiple timing references ;
- ◆ Provides Engineering Order Wire (EOW) and an interface with group call and dial functions (two-line model) ;
- ◆ Provides F (Ethernet) and f (RS232) Network Management Interface ;
- ◆ Embedded software supports remote upgrading ;
- ◆ Realizes ultra-long distance (up to 120km) transmission.

Application mode:

