



STM-1 and G.703 E1 Analyzer / BERT HCT-SDH155

The HCT-SDH/155 transmission analyzer is a handheld, graphic color LCD touch screen, SDH/PDH measuring instrument designed use in analysis and maintenance of STM-1(155Mbps) and E1(2.048 Mbps) lines. The HCT-SDH/155 has both optical and electrical por evaluation and analysis of SDH and PDH networks with results displayed according to ITU-T G.821, G.826, G.828, G.829, M.2100 or Its easy operation, light weight, long working time and low price make an ideal solution for field work.

Features

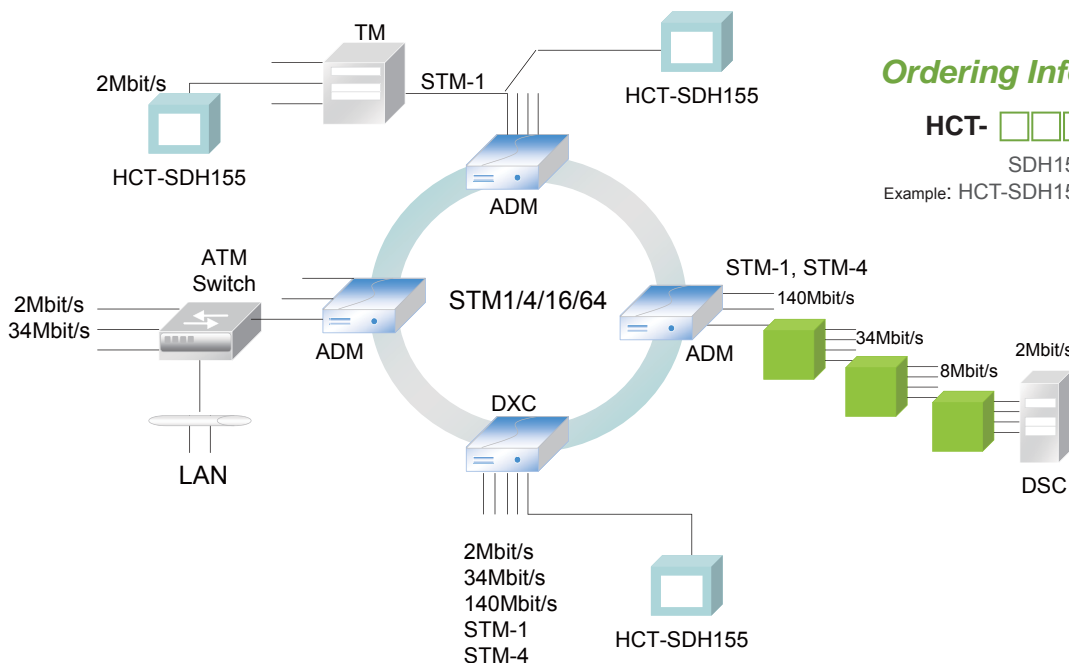
- Displays according to ITU-T G.821/826/828/829 and M.2100/2101
- Tandem Connection Monitoring (TCM) and APid tests
- Supports pointer adjustment test
- Automatic Protection Switching (APS)
- Round trip delay measurement (STM-1 and E1)
- Scan VC4, VC3, VC12 tributary signals
- Firmware update through USB
- Operates by key-press or touch screen

- Maintenance Telecom
- Maintenance CATV
- Test Lab of Fiber Optic
- Other Fiber Optical Measurement

Ports

Electric port : BNC, unbalanced
 Optic port : SFP-LC (1310nm, 1550nm)
 Frequency offset: ±99 ppm, 1ppm per step
 Clock sources : Internal, External and Recovery
 PRBS : 2ⁿ-1 (n=9, 11, 15, 20, 23), all "1" or all "0"
 Customer can edit insertion and analyzing overhead
 SOH : J0, B1, B2, E1, E2, F1, D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, S1, M1
 POH : J1, B3, C2, G1, F2, H4, F3, K3, N1, V5, J2, N2, K4
 Pointer sequence adjustment according to ITU-T G.783
 Monitor alarm and performance according to ITU-T G.783, G.958
 SDH : LOS, AIS, OOF, EFAS, LOF, RS/HP/LP
 TIM, MS/ AU/TU AIS, MS/HP/LP RDI,AU/TU LOP, HP/LP UNQ, TU LOM, HP/LP PLM, RFI MS-/HP-/LP-FERF
 PDH : LOF, RAI, CRCL, MAIS, CASL, MRAI
 TCM : UNQ, LTC, RDI, ODI, TIM, AIS
 From D1 ~ D3, D4 ~ D12, E1, E2, F1 transparent channel, insert/pick-up PRBS
 ITU-T mappings for SDH, including the concatenated ones
 SDH Test Mode :
 SDH Path, SDH Demux, SDH Mux, SDH Monitor, SDH Through
 PDH Test Mode :
 PDH Path, PDH Monitor, PDH Through
 ITU-T G.703, G.957, G.783, G.958
 C12V with AC switching adapter
 100 x 196 x 60mm (W x D x H)
 870g
 0°C ~ 50°C (Operating), 0°C ~ 70°C (Storage)
 10 ~ 90% non-condensing
 30,000 hrs (25°C)

Standard
 Power Input
 Dimensions
 Weight
 Temperature
 Humidity
 MTBF



Ordering Information

HCT- Model type
 SDH155
 Example: HCT-SDH155