



H-192 Splitter Shelf

Double Density xDSL POTS Splitter



Product Description

Comtest Networks' H-192 Splitter Shelf is a high density, modular solution for xDSL splitter applications. It provides two primary functions:

- Low pass filter for xDSL/POTS access
- Secondary over-voltage, over-current protection

The H192 sits between the subscriber lines and the CO-serving equipment.

Ideal for remote cabinets, Comtest's H192 double-density splitter shelf allows you to boost capacity without consuming excessive rack space. The unique front/back connections create a clean cable management solution.

The H192 compact design houses 192 ports in 2RU of a standard 19-inch rack. All DSL connections are at the front of the shelf and all PSTN and LINE interfaces at the rear. This separating of DSL and voice connections significantly reduces video-impairing crosstalk. The H192 is environmentally hardened for demanding locations.

The backplane contains make-before-break connectors from the outside plant tip and ring to the POTS tip and ring, respectively, to maintain "LIFE_LINE" service when a line card is removed from the chassis.

Product Benefits

- Supports VDSL2 services up to 30 MHz, backward compatible to ADSL
- High density, low cost per port
- Modular – Holds up to 8 24-port xDSL Splitter Cards
- Ideal for CO or Remote applications
- 19 or 23 inch rack mountable
- "Make-Before-Break" Life line POTS
- Easy to install and use
- CE/CSA/UL/NEBS Compliant

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H-192 Specifications

H-192 (cont'd)

Mechanical/Capacity

16-15/16"(W) x 10-5/8"(D) x 3-1/2"(H) [430mm x 270mm x 89mm]

Capacity: Each line card contains 24 xDSL splitter circuits, for total 192 ports

Mounting: 19"(483mm) or 23"(584mm) TIA/EIA racks

Compliance

NEBS, ITU K.20, CSA/UL, CE Mark

Communications Interface

LINE (local loop).....50-pin(25-pair) TELCO RJ21 Connector (Rear access)

PSTN50-pin(25-pair) TELCO RJ21 Connector (Rear access)

DSL50-pin(25-pair) TELCO RJ21 Connector (Front access)

Electrical

Protection: Secondary protection over-voltage and over-current

Environment

Operating Temperature: -40 to +65 degrees Celsius

Storage Temperature: -40 to +70 degrees Celsius

Humidity: 5 to 95% (non-condensing)

Splitter Compliances

North American cards: T1.413, T1.424, ITU-T G992.1, G992.3, G992.5, G.993.1, G.993.2

ETSI TS 101 952 (Annex A and B)

(Options available for Signature Circuit and DC Blocking)

Ordering Information

Comtest product

Ordering code

H-192 Splitter Shelf.....SA-2820-8224

(Contact your Comtest Sales representative for xDSL Splitter Card Part Numbers that will fit your application)

Comtest's extensive support and distribution network meets the needs of service providers, equipment manufacturers and installers on six continents every day. Our goal is to deliver innovative solutions to critical elements of the network while maintaining reliability, quality and on-time delivery at a competitive price.

All of Comtest's products have a limited three year warranty against manufacture defects.

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