



## Smart Architecture of Espadana

Designing, Production, Customization and Consultant Service  
in Network and Fiber Optic System



### Technical Specification

## SAE-8PS-T/R

8 phone port on the one core optical link





### Product Description

- 8 independent tip-ring RJ11 ports
- Compatible with standard phone signal formats
- Standard RJ11 telephone interface
- Elements of telephone voice access as well as caller ID are supported
- Indicators are available for optical power link, data status and connectivity
- Anti-interference ability, built-in lightning protection deal
- G.8032, support <50ms industrial quick ring protection
- Fiber mode Interface: single fiber single mode/SC or FC and multi-mode(optional)

### Full Description

This SAE-8PS-T/R provides multiplex of 8 channel RJ11 phone lines on fiber optic as well as de-multiplex them in the best situation of tip-ring signal in the destination. Ideal combination of affordability and capabilities also high quality elements for entry level of phone signal, enterprise application which demands best quality in telecommunication, thus helps you create a more efficient workforce. SAE-8PS-T/R made by high quality of components were rigorous screened, have superior performance in stability, environmental adaptability. It can work normally in cold environment to hot from -10°C to +60°C. The product planned in a way of better resistance and ability to corrosion and electromagnetic interference. Power input also made a suitable and reliable types of power, to get more powerful suitability to environment.



Applications

- Recondition of telephone lines of a manufacture
- Relocation distance call system
- Remote multimedia teaching campus monitoring, video conferencing systems
- Telephone intercom, phone calls, related applications

Technical specification

Product name	SAE-8PS-T/R
<b>Interface</b>	
Ports	8 phone port on the one core optical link
<b>Multi-mode Fiber (50/125um, 62.5/125um)-Optional</b>	
<ul style="list-style-type: none"> <li>➤ Wave Length: 850nm</li> <li>➤ Interface: SC or FC</li> <li>➤ Transmitting distance: 0-2km</li> <li>➤ Transmitting power: -12dBm (min)/ -9dBm (max)</li> <li>➤ Receiver sensitivity: -28dBm (min)</li> <li>➤ Link budget: 16dBm</li> </ul>	
<b>Single mode Fiber (8/125um, 9/125um)</b>	
<ul style="list-style-type: none"> <li>➤ Wave Length: 1310nm</li> <li>➤ Interface: SC or FC</li> <li>➤ Transmitting distance: 0-20km</li> <li>➤ Transmitting power: -9dBm (min)/ -8dBm (max)</li> <li>➤ Receiver sensitivity: -27dBm (min)</li> <li>➤ Link budget: 18dBm</li> </ul>	
<b>FXS Phone specification</b>	
<ul style="list-style-type: none"> <li>➤ Voltage of Ring: 75V</li> <li>➤ Frequency of Ring: 25Hz</li> <li>➤ Total amount of resistance: 600 Ohm (pick up)</li> <li>➤ Return loss: 40 dB</li> <li>➤ Interface: RJ11</li> </ul>	
<b>FXO Switch specification</b>	
<ul style="list-style-type: none"> <li>➤ Voltage of Ring: 35V</li> <li>➤ Frequency of Ring: 17Hz-60Hz</li> <li>➤ Total amount of resistance: 600 Ohm (pick up)</li> <li>➤ Return loss: 40Db</li> <li>➤ Interface: RJ11</li> </ul>	

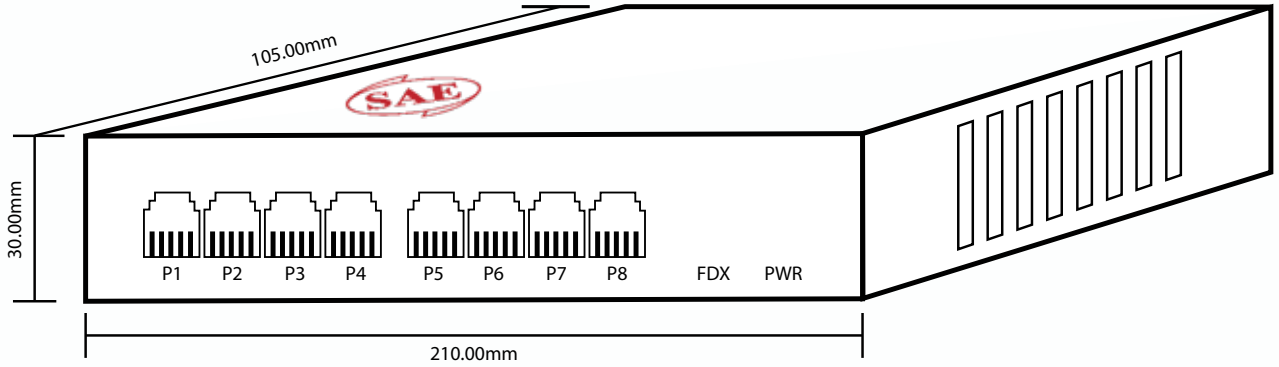


<b>Power</b>
Power supply: AC180V ~ 260V DC -48V DC +24V Max Power consumption: 7W
<b>Dimension</b>
Size: 210*105*30mm 19 inch 3U
<b>Environmental Aspects</b>
Working Temperature -10°c ~ 60°c; Storage Temperature -40°c ~ 80°c; Working Humidity 5% ~ 95% (non-condensing) Storage Humidity 5% ~ 95% (non-condensing)



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Product Size Display



Product Application Display

