

SUMMARY

Cable TV system is directly link with public. It is necessary to reach the RF signal 24 hours at consumer end. Therefore, it is necessary to keep our whole system (control-room, amplifiers, node etc.) every time operative. To provide initial power supply every time through same co-axial cable wire to operate active power devices is called Power-Pass System. Power Supply and Radio frequency are two different thing. However for mixing up these two signals always use power inserter. Without using power inserter may cause the poor quality transmission. In India, 60V power pass system is authorised. Some people ask about 90V power-pass system which is illegal. SPEC always recommend 60V power-pass system.

PERFORMANCE CHARACTERISTIC

- Our Power pass system is designed with an automatic short-circuit protection system. It provides full current every maximum power (load) is applied. It is free from noise and Hum interference in RF signal. There are different kinds of power pass system.

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| (A) 1.5 Amp. : Suitable for Node | <ul style="list-style-type: none"> • LED Indicator • Output fuse |
| (B) 2 Amp. : Suitable for Node | <ul style="list-style-type: none"> • LED Indicator • Output fuse |
| (C) 3 Amp.: Suitable for Node | <ul style="list-style-type: none"> • LED Indicator • Output Fuse • 2 Out Put • RF Singal Input • Buzzer : Optional |
| (D) 5 Amp.: Suitable for Node | <ul style="list-style-type: none"> • Output Fuse • 2 Out Put • RF Singal Input • Buzzer • Voltmeter with one power Inserter free |
| (E) 7 Amp.: Suitable for Node | <ul style="list-style-type: none"> • Output Fuse • RF Singal Input • 4 Output • Buzzer • Voltmeter & Ampere Meter with two power Inserter free |
| (E) 12 Amp.: Suitable for Node | <ul style="list-style-type: none"> • Output Fuse • RF Singal Input • 4 Output • Buzzer • Voltmeter & Ampere Meter with two power Inserter free |



1.5 AMP.



2 AMP.



3 AMP.



5 AMP.



7 AMP.



12 AMP.

TECHNICAL PARAMETERS

- It produces very high linearity with RF insertion
- Current Consumption Indicator
- Output Voltage Status
- Short Circuit Alarm
- Automatic Power Restoring circuit (when short circuit is removed).