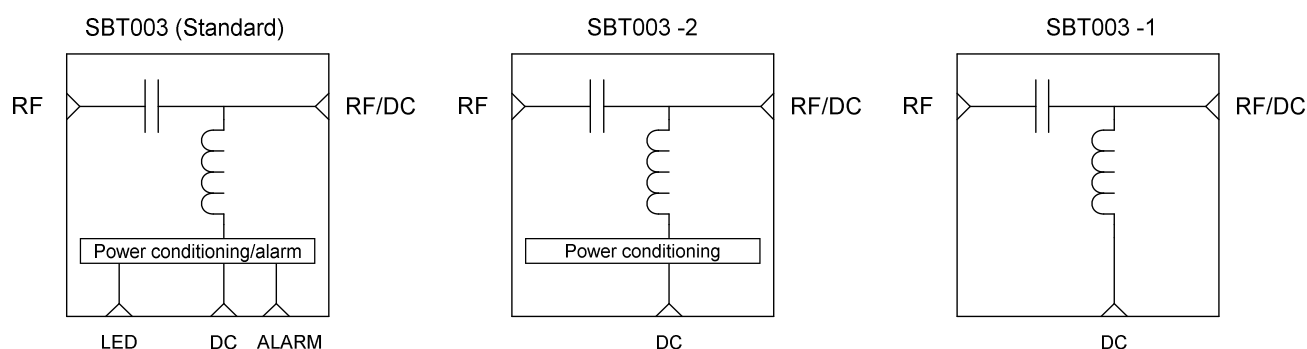


The SBT003A is used to power Stancoms UHF range of Mast Head Amplifier. The frequency range is 100-1300Mhz. By injecting DC onto the coaxial cable at the start the coaxial cable run, power is provided to the MHA (Mast Head Amplifier). This power is monitored using a sophisticated power monitoring circuit and should a malfunction in the MHA be detected the SBT003 displays an alarm. Remote alarm is also provided by a closure of opening of contacts on two separate pins.



Specification:

Parameter (Masthead)

Frequency Range (Std)
Through Loss
Input return loss
Output Return Loss
Input Impedance
Output Impedance
Connectors.
Voltage
Current
Alarm Indicator
Alarm Pins
Case Size. (Masthead)
Weight:
Material
Environmental.
Temperature

Limits

100MHz – 1300MHz
<0.5dB
>14dB. (Typ >20dB, 1.05:1)
>14dB. (Typ >20dB, 1.05:1)
50Ω
50Ω
N type Female
12V – 24V.
Pass typically 140mA.
RED – Fault / GREEN – Good
Dry contact Open when good, closed when bad
60 x 60 x 35mm (Excluding Connectors)
200g
Aluminium Main housing with aluminium cover.
Indoor use only
-20 +50 °C

Options:

- 1 – Low Voltage option with no alarm feature operates over 0 – 15V.
- 2 – Alarm feature not fitted
- LF – Low Frequency Option. (Note. LF can have options -1 and -2 are fitted)