

B TYPE CHOKE

For D. C. Track Circuit in Railway Signalling

Features:

- Application in DC Track Circuit
- A Protective Device for DC track circuit on 25 KV, 50 Hz AC electrified train operation
- Provide high impedance with DC superimposed on track.
- Air cooled
- Robust construction for handling in rail road condition.
- Approved by RDSO



**RDSO Specification No-
IRS/S/65/83**

Specifications:

Resistance	3 Ω $\pm$ 5% at 15°C
Impedance	>150 Ω with 50 m A 2.5 Hz AC
	>120 Ω with 2.5 amp DC superimposed on 50mA AC
Temperature Rise	< 55°C above ambient at 2.5ADC
Operating Temperature	-10°C to 50°C; RH<90% (Non-condensing)
Induced high voltage test	500 V AC at 200 Hz
Insulation Voltage	2 kV between Coil & Earth for one minute
Insulation Resistance	>100 M Ω .

*Due to continuous improvement in products, specification subject to change