



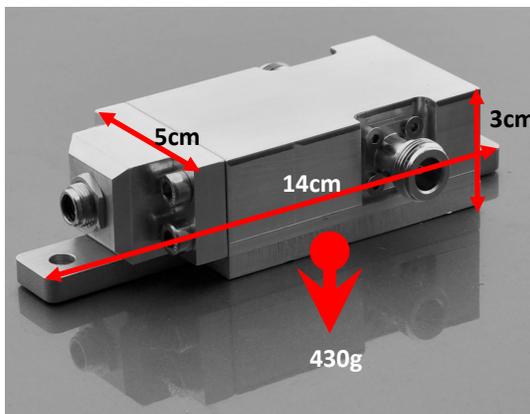
Telcosat Inc

Telephone 403 291 4031
inquiries@telcosat.com

Telcosat Bias Tees (Bias T) are waterproof passive coaxial devices used to inject DC currents or voltages into RF circuits without affecting the RF signal through the main transmission path. Bias tees are useful when trying to provide an RF signal and DC power to a remote device without running two separate cables.

PRICE: \$250 CDN

Telcosat Waterproof Bias Tee



Our N connection Bias T design is rated for a minimum frequency of **10 MHz (will pass DC for satellite controllers)** to a maximum frequency of **3 GHz**. They are IP68 rated (outdoor) waterproof.

The Telcosat range of RF coaxial Bias T's all have 50 Ohm N female connectors. This radio frequency wideband Bias T is manufactured to be rated for a **maximum DC voltage of 32 Volts** and a maximum current between **1A to 4A** depending on the model selected.

In-line **current limitation** protects against current overload due to short circuits.

Our Bias Tee boast low insertion loss and low VSWR at only 1.5:1.

The physical design of the Bias T is extremely rugged and durable and would easily meet "**military grade**" standards. Able to withstand wide **extremes of temperature** a Telcosat Bias Tee is ideal for designs where **low cost**, high quality, space limitation, and outdoor all weather environments are critical.

The dc power connector is fitted with an **IP68 rated** (outdoor) locking nut to prevent accidental disconnection.

Like all Telcosat products, the N Bias T range are all **made in Canada**.

This product is ideal for test labs and systems where remote power over RF is a major factor in the design.

Model types:

Bias T NF/NF-1 - 1 amp current limited, rated 32V DC, 50 Ohm - **\$250 Cdn**

Bias T NF/NF-2 - 2 amp current limited, rated 32V DC, 50 Ohm - **\$250 Cdn**

Bias T NF/NF-3 - 3 amp current limited, rated 32V DC, 50 Ohm - **\$250 Cdn**

Bias T NF/NF-4 - 4 amp current limited, rated 32V DC, 50 Ohm - **\$250 Cdn**

OPTIONAL EXTRAS- 120/220 AC to DC power supply, includes a water proof DC connector, and heavy duty 120VAC - 105c rated power cord NEMA5-15P. Price **\$71.46**

Please request DC voltage requirements.