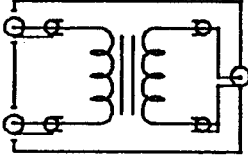
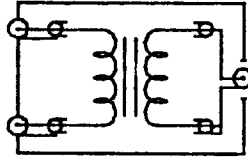


PRODYN TRANSFORMERS

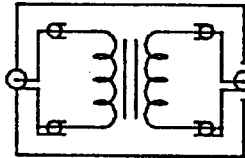
PRODYN transformers are bilateral, high performance broadband transformers with coaxially shielded windings on high permeability toroidal cores. They exhibit low insertion loss and high common mode rejection, and are suitable for isolation, DC blocking, balanced/unbalanced conversion and other applications, depending on the configuration selected. They are available in several configurations, including grounded or floating shield connections and balanced or unbalanced winding connections.

CONFIGURATIONS

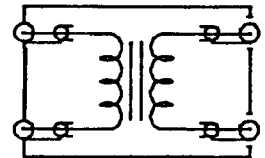
1. Floating Balanced
Grounded Unbalanced
(FBGU)



2. Grounded Balanced
Floating Unbalanced
(GBFU)



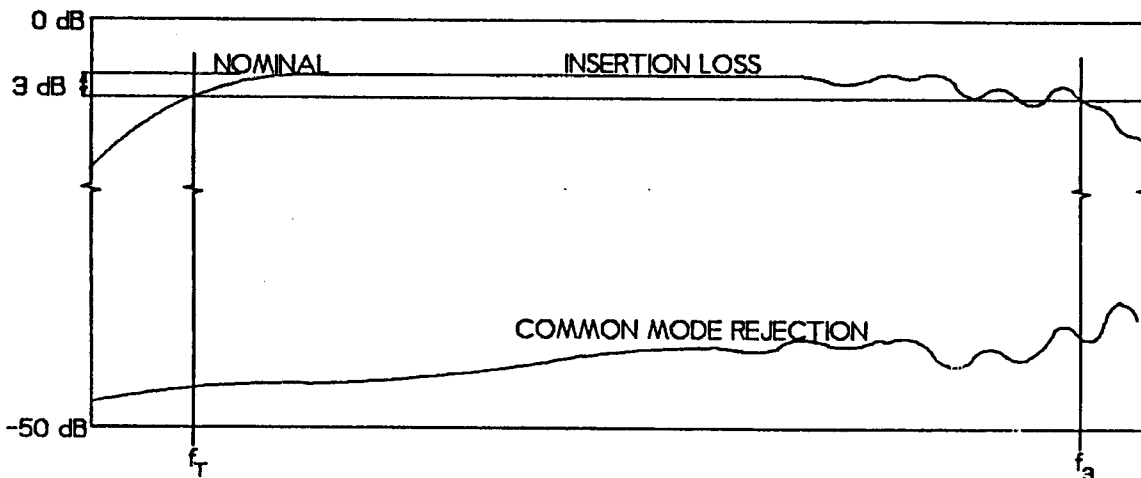
3. Grounded Unbalanced
Floating Unbalanced
(GUFU)



4. Grounded Balanced
Floating Balanced
(GBFB)

ELECTRICAL SPECIFICATIONS

Model	IT1-2A	IT2-2A	IT3-2A	IT4-2A
Configuration	FBGU	GBFU	GUFU	GBFB
Bandwidth: f_t	14 KHz	26 KHz	26 KHz	26 KHz
f_3	500 MHz	500 MHz	600 MHz	600 MHz
Insertion Loss	10 dB	10 dB	10 dB	10 dB
Common Mode Rejection @ f_3	≥ 38 dB	≥ 38 dB	N/A	≥ 38 dB
Max Voltage (50 ns pulse)	3 kV	3 kV	3 kV	3 kV
DC Isolation	3 kV	3 kV	3 kV	3 kV
Port Impedance	50 ohm	50 ohm	50 ohm	50 ohm
Connectors	Type N	Type N	Type N	Type N



Housing size may vary depending on configuration and connectors.

Special configurations and connector options are available for a small additional charge.

* Please contact PRODYN for details.