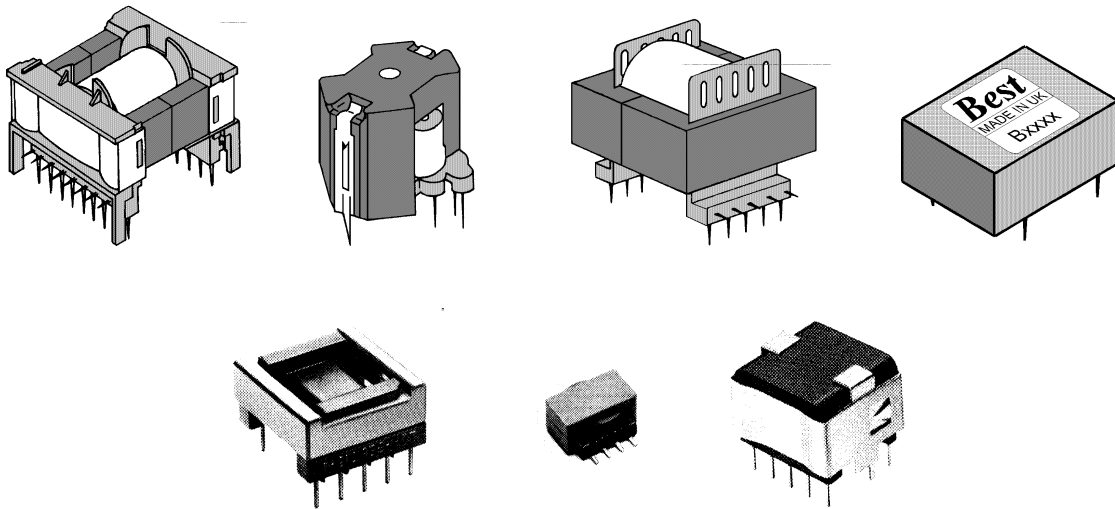


Best Windings Ltd



Wound Components - Standard or Custom

Best Windings produce transformers and chokes for many applications to recognised international standards. Many of our products are high isolation vacuum encapsulated devices providing safety barriers of the very highest integrity. We also produce special designs for individual customers and applications. Our experience and knowledge is at the disposal of all of our customers. We value engineer our designs for ease of manufacture and economic production. We believe in supply partnerships and working alongside you, rather than simply supplying the components you need.



Our products are used in a variety of applications, including:-

- SMPST
- Telecom / Datacom
- ISDN / HDSL
- Medical Instrumentation
- Automotive
- Aerospace
- Safety Critical Applications
- Remote Communications
- Security Applications

Many of our products are approved or are approvable to International safety standards such as :-

- BS EN 41003
- BS EN 50065-1
- BS EN 60065 - IEC 950
- BS EN 60950 - IEC 65

And are flammability rated to UL94 V-0

We are an ISO9002 accredited manufacturer.

**Best
Windings Ltd**

<http://www.bestwind.u-net.com/>

*Best Windings Ltd, Viking Works,
7 Bucklesham Road, Kirton, Ipswich,
Suffolk, England. IP10 0NX
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Fax: + 44 (0) 1394 448 430*



Certificate No. 96/8167

Best Windings Ltd

Product Datasheet Index

1) Transformers

- Line Match
- HDSL
- ISDN
- Pulse
- Current
- Pick-Off
- Hybrid
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- Data Over Mains
- Power Across Barrier
- Ferrite
- Audio

2) Chokes

- Line Hold
- Toroidal

3) Ferrite Components

- Specials

4) Filters

- Video
- Others

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Line Matching Transformers

B5003-5 - 120 Ohm 1:1
B5006 - 120 Ohm/75 Ohm G703
B5022 - 75 Ohm 1:1:1
B5023 - 75 Ohm 1:1+0.24
B5025 - 1:1:0.24 ISDN 7mm Profile
B5026 - 1:1:1 ISDN 7mm Profile
B5031 - 600 Ohm:600 Ohm Low Insertion Loss
B5041 - 600 Ohm 1:1 Low Profile (100mA DC capable)
B5073 - High Isolation Data Over Mains Coupling (Low Cost)
B5081 - 600 Ohm:600 Ohm Small Footprint
B5097 - SMD 50 Ohm 2 Mbps
B5098 - SMD 100 Ohm 2 Mbps
P1001 - High Isolation Baseband Isolation
P1201 - 600 Ohm:300 Ohm + 300 Ohm Interface
P1207 - High Isolation Data Over Mains Coupling
P1208 - High Isolation 600 Ohm:140 Ohm Coupling
P1312 - Low Profile Line Match Transformer
P1318 - 600 Ohm Wet Transformer
P1524 - 300 Ohm:600 Ohm C.T.
P2281 - Microprofile line Matching Transformer
P2647 - High Impedance Shunt Line Drive Transformer
P2697 - Low Profile Signal Transformer 62 Ohm



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HDSL Transformers

B5045 - 1168 kbps 2000V Isolation Matched to Brooktree Bt8952
B5046 - 786 kbps 2000V Isolation Matched to Brooktree Bt8952
B5047 - 1168 kbps 2000V Isolation Matched to Brooktree Bt8921
B5048 - 786 kbps 2000V Isolation Matched to Brooktree Bt8921
B5057 - 784 kbps 2000V Isolation Matched to Level One SK70704
B5058 - 1168 kbps 2000V Isolation Matched to Level One SK70704
B5107 - 416 kbps 6500V Isolation Matched to Brooktree Bt8970

ISDN Transformers

B5001 - ISDN 2Mbps Very Low Profile
B5002 - ISDN 2Mbps Very Low Profile
B5004 - ISDN S-Interface Transformer
B5022 - ISDN 64kbps 1:1:1 Encapsulated
B5023 - ISDN 64kbps 1:1+0.24
B5025 - ISDN 128kbps 1:1+0.24
B5026 - ISDN 128kbps 1:1+1
B5097 - SMD 50 Ohm 2 Mbps
B5098 - SMD 100 Ohm 2 Mbps
P2030 - ISDN 2Mbps High Isolation
P2031 - ISDN 2Mbps High Isolation
P2231 - ISDN 2Mbps High Isolation
P2638 - ISDN 2Mbps High Isolation

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Pulse Transformers

B5049 - 8kV Impulse Isolation

Current Transformers

B5051 - 10 Amp / 1 Volt

B5051.1 - 10 Amp / 1 Volt Potted (Ruggedised)

B5051.3 - 5 Amp / 1 Volt

Line Pick-Off Transformers

P1487 - Pick-Off Transformer 3:1 Impedance Match.

P1910 - High Isolation Low Profile

P2647 - High Impedance Shunt Line Drive Transformer

Hybrid Transformers

P1298 - 600 Ohm Hybrid (Low Distortion)

Low Profile Transformers

B5001 - ISDN 2Mbps

B5002 - ISDN 2Mbps

B5025 - ISDN 128kbps

B5026 - ISDN 128kbps

B5097 - SMD 50 Ohm 2 Mbps

B5098 - SMD 100 Ohm 2 Mbps

P2281 - Microprofile Line Matching Transformer

P2697 - Low Profile Signal Transformer 62 Ohm

Data Over Mains Transformers

B5050 - 125kHz Tunable

B5073 - Very High Isolation

P1207 - Very High Isolation

Power Across PSTN Barrier Transformers

B5036 - Switch Mode Transformer

P1682 - High Isolation 270mW Rated

P2904 - Power Transfer Transformer

Ferrite Transformers

P1298 - 600 Ohm Hybrid (Low Distortion)

B5060 - RM7 Signal Transformer

Audio Transformers

B5105 - 10 kW Centre Tapped : 10 kW Centre Tapped

B5108 - 600W Centre Tapped : 600W Centre Tapped

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Line Hold Chokes

P1202 - BS 6403
P1402 - Low Profile 120mA DC capable
P1419 - Low Cost 120mA DC capable
P1467 - Balanced Load Capable at 100mA DC
P1808 - Low Cost 120mA DC capable Bi-Filar



Toroidal Inductors

B5082 - 2A 100 mH Inductor

Special Ferrite Components

B5033.1 - High Q Filter Coil - Adjustable
B5033.2 - High Q Filter Coil - Adjustable
B5033.3 - High Q Filter Coil - Adjustable
P1298 - 600 Ohm Hybrid (Low Distortion)

Filter Devices - Others (Data Over Mains)

B5050 - 125 kHz Tunable Data Over Mains Transformer
B5075 - Pre-Aligned High Selectivity Filter Module
B5100 - Lab Evaluation Module (B5073 & B5075 circuit combo)

Video Filters - B.T. Approved Range

PO 795/003/000 - PO 795/159/000

We also manufacture a wide range of other wound products, if you are looking for something that you cannot see listed here, please do contact us. To see the latest information on our products please see our website, which is updated regularly, for more details.

We also manufacture to customer specifications, whether you have a fully designed product for manufacture or a specification, we will endeavour to meet your requirements.

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