

# **Belk Stores 810 Invoice**

**X12/V4030/810: 810 Invoice**



**Belk Technical Information for 810:**

- 👉 All EDI Transmissions are through the TGMS (Opentext) network
- 👉 VICS 810 Version 4030VICS
- 👉 VICS 997, Acknowledgment will be returned
- 👉 EDI Communications ID - 08 6123830000
- 👉 VAN – TGMS (Opentext)

**Belk Guidelines for Invoice Consolidation:**

- 👉 EDI Invoice consolidation is mandatory
- 👉 Invoices must be consolidated by the PO#, then the DC shipment (Bill of Lading#). Example: If a PO contains stores that ship to two DCs, and each shipment has one BOL#, then there should only be two invoices for the PO
- 👉 Consolidated invoices should include all stores for each appropriate DC location and UPCs should be listed only once on the invoice with the combined store quantities for the shipment
- 👉 The N1\*BY segment is the four-digit DC location: Ex. (N1\*BY\*\*92\*0737~)
- 👉 There are 3 DC locations: 0737, 0744, and 0745 (fine jewelry only)
- 👉 Store to DC locations can be found at the below link under the transportation section  
<https://www.belk.com/customer-service/about-us/vendor-resources/>
- 👉 The Bill of Lading# in the CAD08 should match the BOL# in the REF02 on the corresponding ASN
- 👉 Invoices should only reference the UPC, UOM and quantity ordered in the PO1 segment of the 850. If a PO is for prepacks UPCs, with the UOM as 'AS', then the Invoice should only reference the prepack UPC and the quantity ordered for the prepack. Components for a prepack should not be present on the invoice.
- 👉 Use unique interchange control numbers for each transmission as our translator rejects duplicate interchange control numbers from the same sender ID

# 810 Invoice

Functional Group ID=**IN**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

## Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment

## Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
4	0100	ST	Transaction Set Header	M		1	
5	0200	BIG	Beginning Segment for Invoice	M		1	
6	0500	REF	Reference Identification	O		12	
LOOP ID - N1						200	
7	0700	N1	Name	M		1	
8	1300	ITD	Terms of Sale/Deferred Terms of Sale	M		>1	
9	1400	DTM	Date/Time Reference	O		10	

## Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - IT1						200000	
10	0100	IT1	Baseline Item Data (Invoice)	M		1	

## Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
12	0100	TDS	Total Monetary Value Summary	M		1	
13	0300	CAD	Carrier Detail	O		1	
LOOP ID - SAC						>1	
14	0400	SAC	Service, Promotion, Allowance, or Charge Information	O		1	
LOOP ID - ISS						>1	
15	0600	ISS	Invoice Shipment Summary	O		1	
16	0700	CTT	Transaction Totals	M		1	n1
17	0800	SE	Transaction Set Trailer	M		1	

## Transaction Set Notes

- Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash total of the quantities invoiced (IT102) for each IT1 segment.

**Segment:** **ST** Transaction Set Header  
**Position:** 0100  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 810 Invoice	M 1 ID 3/3
M	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9

**Segment:** **BIG** Beginning Segment for Invoice  
**Position:** 0200  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BIG01	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
M	BIG02	76	<b>Invoice Number</b> Identifying number assigned by issuer The Standards maximum length for this field is 30	M 1 AN 1/30
	BIG03	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
M	BIG04	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M 1 AN 1/22

**Segment:** **REF** Reference Identification  
**Position:** 0500  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification DP Department Number	M 1 ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier The reference identification (REF02) will contain the four-digit department number when the reference identification qualifier (REF01) is "DP".	X 1 AN 1/30

**Segment:** N1 Name  
**Position:** 0700  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	98 <b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser) RI Remit To	M 1 ID 2/3
	N102	93 <b>Name</b> Free-form name The name (N102) is required when the entity identifier code (N101) is "RI".	X 1 AN 1/60
	N103	66 <b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet 92 Assigned by Buyer or Buyer's Agent	X 1 ID 1/2
	N104	67 <b>Identification Code</b> Code identifying a party or other code This is the location code as defined by N103. The identification code (N104) is the vendor's nine or thirteen-digit Dun and Bradstreet number when the entity identifier code (N101) is "RI". The identification code (N104) is the four-digit Belk Distribution Center location number when the entity identifier code (N101) is "BY". There are three DC location numbers - 0737, 0744, 0745	X 1 AN 2/80

Segment: **ITD** Terms of Sale/Deferred Terms of Sale

**Position:** 1300  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** To specify terms of sale

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	ITD01	336	<b>Terms Type Code</b>	M 1 ID 2/2
			Code identifying type of payment terms	
			01 Basic	
			02 End of Month (EOM)	
			05 Discount Not Applicable	
			08 Basic Discount Offered	
			09 Proximo	
			12 10 Days After End of Month (10 EOM)	
M	ITD02	333	<b>Terms Basis Date Code</b>	M 1 ID 1/2
			Code identifying the beginning of the terms period	
			3 Invoice Date	
M	ITD07	386	<b>Terms Net Days</b>	M 1 N0 1/3
			Number of days until total invoice amount is due	
			The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.	



**Segment:** **DTM** Date/Time Reference  
**Position:** 1400  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 011 Shipped	M 1 ID 3/3
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8

**Segment:** **IT1** **Baseline Item Data (Invoice)**  
**Position:** 0100  
**Loop:** IT1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	IT101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set The Standards maximum length for this field is 20; Belk can only accept a maximum length of 11.	O 1 AN 1/20
Must Use	IT102	358	<b>Quantity Invoiced</b> Number of units invoiced (supplier units) Number of Units must be a whole number and contain no decimals	X 1 R 1/10
Must Use	IT103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken AS Assortment EA Each	X 1 ID 2/2
Must Use	IT104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc. The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29". To indicate a no charge item or free goods, IT104 will contain a single zero (0) and IT105 will contain code NC.	X 1 R 1/17
	IT105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item This data element is used to clarify or alter the basis of unit price. The unit price expressed in IT104 is always in the same terms as the unit of measure in IT103, unless otherwise specified in IT105. WE Wholesale Price per Each	O 1 ID 2/2
Must Use	IT106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN) UP UCC - 12 Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.) The product/service ID qualifier (IT106) of "UP" is preferred.	X 1 ID 2/2
Must Use	IT107	234	<b>Product/Service ID</b> Identifying number for a product or service	X 1 AN 1/48
	IT108	235	<b>Product/Service ID Qualifier</b>	X 1 ID 2/2

Code identifying the type/source of the descriptive number used in  
Product/Service ID (234)

VA Vendor's Style Number

<b>IT109</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>1 AN 1/48</b>
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Identifying number for a product or service

**Segment:** **TDS** Total Monetary Value Summary  
**Position:** 0100  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the total invoice discounts and amounts

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Amount</u>	
M	TDS01	610	M 1 N2 1/15
		Monetary amount (Total is inclusive of any SAC Charges or Allowances)	

**Segment:** **CAD** Carrier Detail  
**Position:** 0300  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation details for the transaction

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CAD04	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code	X 1 ID 2/4
	CAD07	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BM Bill of Lading Number The reference identification qualifier (CAD07) of "BM" is preferred.	O 1 ID 2/3
	CAD08	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier The reference identification (CAD08) will contain the bill of lading number when the reference identification qualifier (CAD07) is "BM".	X 1 AN 1/30

**Segment:** SAC Service, Promotion, Allowance, or Charge Information  
**Position:** 0400  
**Loop:** SAC Optional  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

**Data Element Summary**

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	SAC01	<b>248 Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service specified A Allowance C Charge	M 1 ID 1/1
	SAC02	<b>1300 Service, Promotion, Allowance, or Charge Code</b> Code identifying the service, promotion, allowance, or charge B950 Damaged Merchandise C310 Discount D240 Freight D920 Insurance Fee D980 Insurance E750 New Store Discount G970 Small Order Charge H630 Tax - City Sales Tax (Only) H660 Tax - Federal Excise Tax, FET H700 Tax - Local Tax H770 Tax - State Tax H850 Tax ZZZZ Mutually Defined	X 1 ID 4/4
	SAC05	<b>610 Amount</b> Monetary amount	X 1 N2 1/15

When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.

**Segment:** **ISS** Invoice Shipment Summary  
**Position:** 0600  
**Loop:** ISS Optional  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify summary details of total items shipped in terms of quantity, weight, and volume

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ISS01	382	<b>Number of Units Shipped</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	X 1 R 1/10
ISS02	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CT Carton	X 1 ID 2/2
ISS03	81	<b>Weight</b> Numeric value of weight	X 1 R 1/10
ISS04	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	X 1 ID 2/2

**Segment:** **CTT** Transaction Totals  
**Position:** 0700  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items	M 1 N0 1/6
			Total number of line items in the transaction set	
			The number of IT1 segments present in the transaction set	



**Segment:** **SE** Transaction Set Trailer  
**Position:** 0800  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set This must be the same number as is in the ST segment (ST02) for the transaction set.	M 1 AN 4/9

**Invoice Sample Data: Eaches**

ISA\*00\* \*00\* \*qI\*Sender ID \*08\*6123830000\*180322\*2231\*^\*00403\*000005847\*0\*P\*>~  
GS\*IN\*Sender ID\*6123830000\*20180322\*2231\*5749\*X\*004030VICS~  
ST\*810\*0001~  
BIG\*20180322\*12345678900\*20180308\*5051234~  
REF\*DP\*0421~  
N1\*BY\*\*92\*0737~  
N1\*RI\*ABC CO.\*1\*123456789~  
ITD\*05\*3\*\*\*\*\*30~  
DTM\*011\*20180322~  
IT1\*1\*55\*EA\*10\*WE\*UP\*400663067199\*VA\*40C4210131~  
IT1\*2\*55\*EA\*12.5\*WE\*UP\*400663067200\*VA\*40C4210131~  
IT1\*3\*55\*EA\*8\*WE\*UP\*400663067201\*VA\*40C4210131~  
TDS\*168002~  
CAD\*\*\*\*UQEP\*\*\*BM\*F12345~  
SAC\*C\*D240\*\*\*252~  
ISS\*7\*CT\*3.5\*LB~  
CTT\*3~ SE\*16\*0001~  
GE\*1\*1~  
IEA\*1\*000000001

**Invoice Sample Data: Pre-Pack**

ISA\*00\* \*00\* \*qI\*Sender ID \*08\*6123830000\*180322\*0055\*^\*00403\*000005856\*0\*P\*>~  
GS\*IN\*Sender ID\*6123830000\*20180322\*0055\*1\*X\*004030VICS~  
ST\*810\*0001~  
BIG\*20180322\*12345678901\*20180322\*5053401~  
REF\*DP\*0421~  
N1\*BY\*\*92\*0744~  
N1\*RI\*ABC CO.\*1\*123456789~  
ITD\*05\*3\*\*\*\*\*30~  
DTM\*011\*20130630~  
IT1\*1\*60\*AS\*30\*WE\*UP\*400663067208\*VA\*40C4210131~  
IT1\*2\*60\*AS\*45\*WE\*UP\*400663067209\*VA\*40C4210131~  
IT1\*3\*60\*AS\*30\*WE\*UP\*400663067211\*VA\*A105BB~  
TDS\*630252~  
CAD\*\*\*\*UQEP\*\*\*BM\*F12345~  
SAC\*C\*D240\*\*\*252~  
ISS\*7\*CT\*3.5\*LB~ CTT\*3~  
SE\*16\*0001~ GE\*1\*1~  
IEA\*1\*000000001~