



Part Number: 9207

100Ω Twinax, #20-1c TC/1c BC, PO, Duofoil® + 86% TC Braid, PVC Jkt, CMG

Product Description

100 Ohm Twinax, IBM p/n 7362211, 20 AWG stranded (7x28) one tinned copper conductor, one bare copper conductor, polyethylene insulation, polyethylene inner jacket, Duofoil® (100% coverage) + a tinned copper braid shield (85% coverage), PVC outer jacket.

Product Specifications

AG.Filter Attributes

Total Number of Conductors:	2
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Technical Specifications

AG_0401

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4

APAC Standard

MII Order #39 (China RoHS):	Yes
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Applicable Patents

Patent:	http://www.belden.com/p
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Bend Radius

Min Bend Radius/Minor Axis:	3.5 in
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CCB-Sub-Part Number

Plenum (Y/N):	No
Plenum Number:	89207

Contact Information

PHONE_NUM:	1-800-Belden1
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EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG
Customer Part Number Reference Spec:	IBM P/N 7362211
NEC/(UL) Specification:	CL2^CMG

Use

Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	112 lbs
Suitability - Indoor:	Yes

Impedance:

Nominal Characteristic Impedance

100 Ohm

Inductance:

Nominal Inductance

0.155 μ H/ft

Conductor DCR:

Nominal Conductor DCR

Nominal Outer Shield DCR

9.5 Ohm/1000ft	1.74 Ohm/1000ft
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Color Chart 1:

Number	Color
1	Natural (bare copper conductor)
2	Natural (tinned copper conductor)

Delay:

Max. Delay Skew	Nominal Delay	Nominal Velocity of Propagation (VP) [%]
66 ns/100m	1.54 ns/ft	66 %

Voltage:

Non-UL Voltage Rating	UL Voltage Rating
600 V RMS	300V RMS V

High Freq:

Frequency [MHz]
1 MHz
10 MHz
50 MHz
100 MHz
200 MHz
400 MHz

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
14.5 pF/ft	23 pF/ft

High Frequency (Nominal/Typical):

Frequency [MHz]	Nom. Insertion Loss
1 MHz	0.3 dB/100m
10 MHz	1.2 dB/100m
50 MHz	2.8 dB/100m
100 MHz	4.1 dB/100m
200 MHz	6.4 dB/100m
400 MHz	10.2 dB/100m

Innerjacket:

Material	Nominal Diameter	Nominal Wall Thickness
PE - Polyethylene	0.236 in	0.035 in

Insulation:

Material	Nominal Wall Thickness
PE - Polyethylene	0.024 in

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.33 in	0.031 in

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
20	7x28	TC - Tinned Copper	0.037 in	1

Outershield 1:

Type	Layer	Material	Material Trade Name	Coverage [%]
Tape	1	Aluminum Foil-Polyester Tape-Aluminum Foil	Duofoil®	100 %
Braid	2	TC - Tinned Copper		85 %

Product Variants

Part Number	Color	Put-Up Type	Length
9207	BLACK	Reel	1000 ft
9207	BLACK	Reel	305 m
9207 0101000	BLACK	Reel	1000 ft
9207	BLACK	Reel	100 ft
9207	BLACK	Reel	30 m
9207 010100	BLACK	Reel	100 ft
9207	BLACK	Reel	1640 ft
9207	BLACK	Reel	500 m
9207 0101640	BLACK	Reel	1640 ft
9207	BLACK	Reel	610 m
9207	BLACK	Reel	762 m
9207	BLACK	Reel	3280 ft
9207	BLACK	Reel	1000 m
9207 0103280	BLACK	Reel	3280 ft
9207	BLACK	Reel	5000 ft
9207	BLACK	Reel	1524 m
9207 0105000	BLACK	Reel	5000 ft
9207	BLACK	Reel	500 ft
9207	BLACK	Reel	152 m
9207 010500	BLACK	Reel	500 ft
9207	BLACK	Reel	305 m
9207	BLACK	UnReel	500 ft
9207	BLACK	UnReel	152 m
9207 010U500	BLACK	UnReel	500 ft
9207			

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