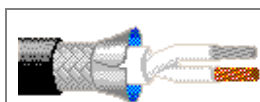


**9207 Twinax - Twinaxial Cable**



For more Information  
please call  
  
1-800-Belden1



**Description**

20 AWG stranded (7x28) one tinned copper conductor, one bare copper conductor, polyethylene insulation, polyethylene inner jacket, Duofoil® (100% coverage) plus a tinned copper braid shield (86% coverage), PVC outer jacket.

**Physical Characteristics (Overall):**

**Conductor:**

AWG

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1.000	20	7x28	TC - Tinned Copper	0.037
			BC - Bare Copper	

**Insulation:**

Insulation Material

Ins Material
PE - Polyethylene

**Inner Jacket:**

Inner Jacket Material

Inner Jacket Material	Nom. Dia. (in.)
PE - Polyethylene	0.236

**Outer Shield:**

Outer Shield Material

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	% Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	TC - Tinned Copper	85

**Outer Jacket:**

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

**Overall Cabling:**

Overall Nominal Diameter: .330 in.

**Pair:**

Pair Color Code Chart

Number	Color
1	Natural & Natural

**Mechanical Characteristics (Overall):**

Operating Temperature Range	-30°C To +75°C
Bulk Cable Weight:	60 lbs/1000 ft.
Max. Recommended Pulling Tension:	112 lbs.
Min. Bend Radius (Install):	3.500 in.

**Applicable Specifications and Agency Compliance (Overall):**

**Applicable Standards:**

NEC/(UL) Specification	CMG, CL2
CEC/C(UL) Specification	CMG

**9207 Twinax - Twinaxial Cable**

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	01/01/2004
Customer Part Number Reference Specification	IBM P/N 7362211

**Flame Test:**

UL Flame Test	UL1685 FT4 Loading
C(UL) Flame Test	FT4

**Suitability:**

Suitability - Indoor	Yes
Suitability - Outdoor	Yes
Suitability - Aerial	Yes - when supported by a messenger wire

**Plenum/Non-Plenum:**

Plenum (Y/N)	N
Plenum Number	89207

**Electrical Characteristics (Overall):**

Nom. Characteristic Impedance

<b>Impedance (Ohm)</b>
100.000

Nom. Inductance

<b>Inductance (µH/ft)</b>
0.155

Nom. Capacitance Conductor to Conductor

<b>Capacitance (pF/ft)</b>
14.500

Nom. Capacitance Cond. to Other Conductor & Shield

<b>Capacitance (pF/ft)</b>
23.000

Nominal Velocity of Propagation

<b>VP (%)</b>
66

Nominal Delay

<b>Delay (ns/ft)</b>
1.540

Nom. Conductor DC Resistance

<b>DCR @ 20°C (Ohm/1000 ft)</b>
9.500

Nom. Attenuation

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Attenuation (dB/100 ft.)
	1.000			0.300
	10.000			1.200
	50.000			2.800
	100.000			4.100
	200.000			6.400
	400.000			10.200

Max. Operating Voltage - UL

<b>Voltage</b>
300 V RMS

Max. Operating Voltage - Non-UL

<b>Voltage</b>
600 V RMS

Nominal Outer Shield DC Resistance

<b>DCR @ 20°C (Ohm/1000 ft)</b>
1.740

**PUT UPS AND COLORS:**

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
9207 010100	100 FT	7.100 LB	BLACK		100 OHM TWINAX BLK
9207 0101000	1,000 FT	68.000 LB	BLACK	C	100 OHM TWINAX BLK
9207 0101640	1,640 FT	111.520 LB	BLACK	C	100 OHM TWINAX BLK
9207 0102000	2,000 FT	136.000 LB	BLACK	C	100 OHM TWINAX BLK
9207 0103280	3,280 FT	219.760 LB	BLACK	C	100 OHM TWINAX BLK
9207 010500	500 FT	34.500 LB	BLACK	C	100 OHM TWINAX BLK
9207 0105000	5,000 FT	350.000 LB	BLACK	C	100 OHM TWINAX BLK
9207 010U500	500 FT	33.000 LB	BLACK		100 OHM TWINAX BLK

**Notes:**

C = CRATE REEL PUT-UP.

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