

## 20 AWG - 7x28 Stranded Tinned Copper - Polyethylene

Twisted Pairs - 30 Volt  
Individually Shielded  
Polyethylene Insulation

### Category Conductor Description:

- Stranded tinned copper

### Category Insulation Description:

- Polyethylene (PE)

### Shield Drain:

- Each pair individually shielded with aluminum-polyester shield and 22 AWG stranded tinned copper drain wire

### Category Jacket Description:

- Gray, Polyvinyl Chloride (PVC)

### Applications:

- Allow balanced signal transmission which results in lower crosstalk through common mode rejection
- Recommended for audio, pulse, and radio frequency applications requiring superior circuit isolation
- Permits higher data speeds than multi-conductor cables

### Standards:

- UL Listed: 80°C
- Voltage: 30 Volt

Color Code Chart			
Cond #	Color	Cond #	Color
1	Black & Red	31	Purple & White
2	Black & White	32	Purple & Green
3	Black & Green	33	Purple & Blue
4	Black & Blue	34	Purple & Yellow
5	Black & Yellow	35	Purple & Brown
6	Black & Brown	36	Purple & Black
7	Black & Orange	37	Gray & White
8	Red & White		
9	Red & Green		

10	Red & Blue		
11	Red & Yellow		
12	Red & Brown		
13	Red & Orange		
14	Green & White		
15	Green & Blue		
16	Green & Yellow		
17	Green & Brown		
18	Green & Orange		
19	White & Blue		
20	White & Yellow		
21	White & Brown		
22	White & Orange		
23	Blue & Yellow		
24	Blue & Brown		
25	Blue & Orange		
26	Brown & Yellow		
27	Brown & Orange		
28	Orange & Yellow		
29	Purple & Orange		
30	Purple & Red		

**Part Number Table**

<b>Part#</b>	<b>Gauge</b>	<b>Pairs</b>	<b>Stranding</b>	<b>Outside Diameter Inches</b>	<b>Nominal Capacitance A</b>	<b>Nominal Capacitance B</b>	<b>Material Weight (Lbs./M')</b>
D32003	20	3	7x28 TC	0.341	30	55	67
D32006	20	6	7x28 TC	0.445	30	55	125
D32009	20	9	7x28 TC	0.555	30	55	187
D32011	20	11	7x28 TC	0.617	30	55	205
D32012	20	12	7x28 TC	0.617	30	55	219
D32015	20	15	7x28 TC	0.689	30	55	265

\* Capacitance between conductors \*\* Capacitance between one conductor and other conductors connected to shield Note: The data shown is approximate and subject to standard industry and manufacturer tolerances

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