

## 18 AWG – 19×30 Stranded Tinned Copper – Polyethylene

Paired - Stranded - 300 Volt  
AWM 2919 - 30 Volts  
Individually Aluminum 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 20 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:

- CM: 300 Volts
- AWM 2919: 30 Volts

Color Code Chart	
# of Pairs	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
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

**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>
D31802	18	2	19 x 30	0.334	30	55	56.1
D31803	18	3	19 x 30	0.384	30	55	65
D31806	18	6	19 x 30	0.56	30	55	189
D31809	18	9	19 x 30	0.655	30	55	260
D31812	18	12	19 x 30	0.735	30	55	420
D31815	18	15	19 x 30	0.819	30	55	449

Note: The data shown is approximate and subject to standard industry and manufacturer tolerances.

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