

Round to Flat Ribbon

UL/CSA Listing: (UL) CM c(UL) 105°C CSA Style: AWM IIB, 300V, 105°C
 UL Style: 20381, 300V, 105°C

Available unshielded and double shielded

Shielded includes an aluminum tape and braid

Cable core features our 0.050 inch (1.27 mm) pitch gray ribbon cable for use with popular IDC connectors. Core is slit 1.50 inch (38.1 mm) then bonded 0.75 inch (19.05 mm) for ease of termination

APPLICATIONS Internal and external wiring of electronic equipment and consumer products



PHYSICAL CONSTRUCTION DESCRIPTION Cable core consists of slit and bonded flat gray ribbon cable. Core is folded and twisted into a round format before being taped with either Polyester (23149) or Aluminum/Polyester (23122) tape (Al side out). For dual shielded versions, cable is then braided. The core is jacketed in Black PVC.*

23122

- 23122 - XX - P - 00YYY
- Conductor AWG: 28 7/36 AWG TC
- Insulation: PVC
- Shielding: Al/PET Tape & Braid
- Jacket: PVC
- Conductor Resistance ohms/1000 ft (ohms/Km): 67.5 (221.4)
- Capacitance Ground-Signal (G-S) pF/ft (pF/m): 24.5 (80.36)
- Impedance (G-S-G): 65 ohms
- Propagation Delay Nanoseconds/ft (ns/m): 1.62 (5.31)

	Part Number	# of Conductors	Put-Up	Width "W" Span "S"
Example 1	23122 - 16 - P - 00660	16	660 ft 201 m	Width: 0.400 in (10.16 mm)
				Span: 0.375 in (9.52 mm)
Example 2	23122 - 60 - P - 00660	60	660 ft 201 m	Width: 1.500 in (38.10 mm)
				Span: 1.475 in (37.46 mm)

Building a Part Number

Part Number Format	23122- XX - P - 00YYY	XX	00YYY	Width: XX * .050 in Span: XX* .050 in - .050
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XX= No. of conductors: 16, 20, 25, 26, 34, 37, 40, 50, 60
 YYY = Put-Up (ft.): 660

# of Conductors	16	20	25	26	34	37	40	50	60
Jacket OD Inches mm	0.275	0.309	0.313	0.318	0.363	0.351	0.413	0.438	0.458
	6.985	7.849	7.95	8.077	9.22	8.915	10.49	11.125	11.633

23149

- 23149 - XX - P - 00YYY
- Conductor AWG: 28 7/36 AWG TC
- Insulation: PVC
- Shielding: PET Tape
- Jacket: PVC
- Conductor Resistance ohms/1000 ft (ohms/Km): 67.5 (221.4)
- Capacitance Ground-Signal (G-S) pF/ft (pF/m): 24.5 (80.36)
- Impedance (G-S-G): 90 ohms
- Propagation Delay Nanoseconds/ft (ns/m): 1.62 (5.31)

	Part Number	# of Conductors	Put-Up	Width "W" Span "S"
Example 1	23149- 16 - P - 00660	16	660 ft 201 m	Width: 0.400 in (10.16 mm)
				Span: 0.375 in (9.52 mm)
Example 2	23149- 50 - P - 00660	50	660 ft 201 m	Width: 1.250 in (31.75 mm)
				Span: 1.225 in (31.11 mm)

Building a Part Number

Part Number Format	23149- XX - P - 00YYY	XX	00YYY	Width: XX * .050 in Span: XX* .050 in - .050
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XX= No. of conductors: 16, 20, 25, 26, 34, 37, 40, 50, 60
 YYY = Put-Up (ft.): 660

# of Conductors	16	20	26	40	50
Jacket OD Inches mm	0.275	0.309	0.318	0.413	0.438
	6.985	7.849	8.077	10.49	11.125

Other conductor counts and put-ups available upon request. This product is available in 30 AWG solid and stranded constructions. Please consult with factory for more information. *Standard jacket color is Black. Other colors are available by special request.