



# Extruded Rainbow Ribbon Cable 0.050" Pitch

## Description:

This is a widely used type of ribbon cable. The .050" pitch allows for mass termination by widely used and low cost IDC connectors. Multiple conductor colors allow for easier circuit identification.

## Approvals:

CSA AWM (available)  
UL Style varies

## Construction:

28 AWG stranded tinned copper conductors, centres spaced at .050" (1.27mm) intervals  
Extruded Multi-colored Polyvinyl Chloride (PVC) jacket  
Conductor color sequence of ten unique colors, repeated

## Temperature Rating:

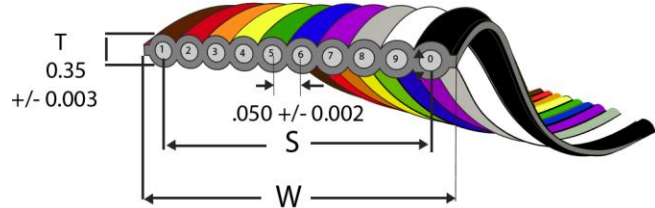
CSA & UL 105°C

## Voltage Rating:

CSA & UL 300 Volts

## Application:

Internal wiring of appliances, computers and business equipment.



Sycor Part No	# of Cond.	Size AWG	Stranding
P1A2810T-RBW	10	28	7/36
P1A2814T-RBW	14	28	7/36
P1A2816T-RBW	16	28	7/36
P1A2820T-RBW	20	28	7/36
P1A2826T-RBW	26	28	7/36
P1A2830T-RBW	30	28	7/36
P1A2834T-RBW	34	28	7/36
P1A2840T-RBW	40	28	7/36
P1A2850T-RBW	50	28	7/36
P1A2860T-RBW	60	28	7/36

$$\text{Width} = \# \text{ of Cond.} \times 0.050$$

$$\text{Span} = \# \text{ of Cond.} \times 0.050 - 0.050$$

Error increases to  $\pm .012$  over 34 Cond

• Conductor Resistance ohms/1000 ft  
(ohms/Km): 69.5 (227.96)

• Capacitance Ground-Signal (G-S) pF/ft  
(pF/m): 10.9 (35.752)

• (G-S-G) pF/ft (pF/m): 17.3 (56.744)

• Impedance (G-S-G) SE - Single End: 90 ohms

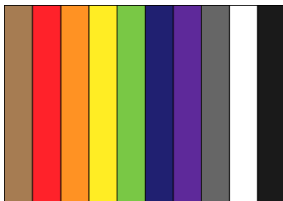
• (G-S) Differential: 126 ohms

*Additional conductor counts available upon request.*

*May be available with 26 or 30 AWG conductor.*

*Please contact us to enquire.*

## Colour Codes



## Value Added Services



Cutting



Re-Spooling



Terminating

Sycor Technology Inc., 1-2220 Argentia Road, Mississauga ON L5N 2K7

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