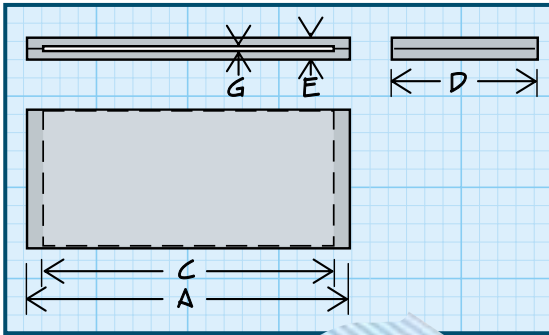


# Series RPC/RPU Split Ferrites

for Flat Cables & Flex Circuits

PART NUMBER  
 UNITS  
 Inches  $\pm 0.04$   
 mm  $\pm 1.0$   
 Inches  $\pm 0.04$   
 mm  $\pm 1.0$   
 Inches  $\pm 0.03$   
 mm  $\pm 0.8$   
 Inches  $\pm 0.02$   
 mm  $\pm 0.5$   
 Inches  $+0.01 -0.006 G$   
 mm  $+0.25 -0.15$   
 @ 100MHz  
 @ 200 MHz



		SERIES RPU							
RPU560524-4	in.	2.20	2.04	0.94	0.20	0.015			
	mm	56.0	52.0	24.0	5.0	0.40	190	315	
RPU560324-4	in.	2.20	2.04	0.94	0.12	0.015			
	mm	56.0	52.0	24.0	3.0	0.40	145	280	
RPU460524-4	in.	1.81	1.65	0.94	0.20	0.015			
	mm	46.0	42.0	24.0	5.0	0.40	190	320	
RPU460324-4	in.	1.81	1.65	0.94	0.12	0.015			
	mm	46.0	42.0	24.0	3.0	0.40	145	280	
		SERIES RPC							
RPC560524-8	in.	2.20	2.04	0.94	0.20	0.03	145	280	
	mm	56.0	52.0	24.0	5.0	0.80			
RPC560324-8	in.	2.20	2.04	0.94	0.12	0.03	105	215	
	mm	56.0	52.0	24.0	3.0	0.80			
RPC460524-8	in.	1.81	1.65	0.94	0.20	0.03	145	290	
	mm	46.0	42.0	24.0	5.0	0.80			
RPC460324-8	in.	1.81	1.65	0.94	0.12	0.03	110	220	
	mm	46.0	42.0	24.0	3.0	0.80			

API Delevan's rectangular "split" components provide a cost-effective means of reducing common mode EMI on flat, ribbon type cable assemblies and flex circuits. They are primarily used to suppress EMI on the internal data cable assemblies of electronic equipment. By reducing the levels radiated by internal cables, these ferrites can reduce the cost and amount of overall shielding required to confine EMI within a product's enclosure.

### Physical Parameters

**Material, Closure and U.L. Data**  
 API-2 Material, see characteristics and information on page 121.

### Slot lengths

52mm (2.04") and 42mm (1.65")

**Slot widths** 0.8mm (0.03") and 0.4mm (0.015")

**Precision formed smooth surfaces** prevent damage to wire insulation

**Custom designs** available

### Applications

- Internal floppy disk and hard disk ribbon cables
- Internal ribbon cables and flex circuitry between circuit boards and data connectors.

**Note** Impedance is typical, based on 1/2 turn (4.0") 32 AWG wire. Impedance measurement using HP4191A

For more detailed graphs, contact factory

### IMPEDANCE vs. FREQUENCY

