

Technical Data Sheet
Miniature RGB Coaxial Cable- Plenum



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PART NUMBER:	253CRGB
DESCRIPTION:	3- Miniature – Conductor 25AWG Solid- Red, Green, Blue Cables
NEC RATING:	CMP
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: RGBHV- Component Video-Plenum

Individual Cable Construction Parameters:

Conductor	25 AWG Bare Copper
Stranding	Solid
Insulation Material	Foam FEP-Teflon
Insulation Thickness	.073" Nom.
Shield	100% Al. Foil + 95% Tinned Spiral Braid
Jacket Material	Copolymer
Individual Cable Diameter	0.105" Nom.

Overall Cable Construction Parameters:

Jacket Material	Plenum PVC
Overall Cable Diameter	0.260" Nom
Number of Conductors	3 Center Conductor
Flame Rating	UL NFPA 62

Electrical & Environmental Properties:

		<u>Mhz</u>	<u>db/100ft</u>
Temperature Rating	-20deg C to 60deg C	1	.49
Max. Capacitance Between Conductors @ 1 KHz	16.2 pf/ft Nom.	10	1.70
Velocity of Propagation	82% Nom.	71.5	4.65
Impedance	75 ohms Nom.	135	6.10
DC Resistance per Conductor @ 20deg C	32.5 Ohms/1M' Nom.	360	10.04
Jacket Color	Red, Green, Blue	720	14.14
Overall Jacket Color	Black	1000	17.85
RoHS Compliant	Yes	2250	24.60
		3000	38.81

Connectors and Accessories

75 ohm BNC Crimp	CN-BM74-19	Crimp Tool: TL-105	Strip Tool: TL-825
1 Pc. Compression BNC 75 ohm	CN-BNCP-RGB	Comp. Tool: TL-548G	Strip Tool: TL-CSST
Compression RCA	CN-RCAP-RGB	Comp. Tool: TL-548G	Strip Tool: TL-CSST
HD15-VGA Terminal Block	CN-HD15FST or CN-MX15F (Female) or CN-MX15M (Male)		
HD15 Solder	40-9515HDM (Male) or 40-9515HDS (Female) – Hood- 40-9709HS		

Specification Issue Date: 7/06

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Standard Lengths are 1000ft.
 The Jacket is sequentially footmarked.
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