



# RGBSync Precision Video Cable

## Plenum

### Features:

- Copper and Fiber Optic Cable Manufacturer
- U.S. Manufacturer for local support
- State-of-the-Art Quality Labs
- ISO9001 Accredited
- Standard and Extended Warranties
- Strategic warehousing Throughout the U.S.

Remeë Products manufactures a full line of foil and braid coaxial cables. These constructions offer customers the ability to use the required cable to meet their immediate needs for commercial as well as residential applications. The cables are manufactured in:

- Non-Plenum
- Plenum

## RGBS5P Plenum



### Applications:

- Projection Video
- Assemblies
- Jumpers

Part Number	Non Plenum Description
RGBS5P	This document establishes the specifications for a non-plenum RGB coaxial cable, consisting of three mini RG59/U's with an overall jacket.

### APPLICABLE DOCUMENTS

Reference Documents: NEC Article 800  
UL Subject 444, Type CMP

### REQUIREMENTS

This document contains test values for all important electrical and mechanical parameters, and as such, is the basis for all incoming inspection and acceptance.

### ELECTRICAL (Each mini coax)

Capacitance: 17.3 pF/ft., nominal.  
Characteristic Impedance: 75 nominal  
Velocity of propagation: 78%, nominal

### MECHANICAL (Each mini coax)

Conductor: 25AWG Solid bare copper.  
Insulation material: Foamed FEP  
Insulated conductor O.D.: 0.100 in., nominal.  
Foil Shield: Alum./polyester tape. (100% coverage).  
Braid Shield: Tinned copper, 95% coverage nominal.  
Jacket material: Remguard Plenum Polymer  
Overall jacket O.D.: 0.150 in., nominal.  
Jacket colors: Red, Green, Blue, White Black

Coaxial Cable Loss Factors		
MHz	Nom. dB/100ft	Nom. dB/100m
1	.48	1.57
3.6	.98	3.20
10	1.73	5.67
50	3.00	9.80
71.5	3.51	11.51
135	4.69	15.38
270	6.51	21.30
360	7.72	25.32
540	9.81	32.18
720	11.19	36.70
1000	13.34	43.76
1500	15.79	51.79
2500	20.04	65.73
3000	22.16	72.68

### OVERALL ASSEMBLY

The five individually jacketed mini coax cables are cabled together  
Jacket Material: Remguard Plenum Polymer.  
Overall jacket O.D.: .500 in., nominal  
Surface print: E111077 TYPE CMP (UL) C(UL) 5  
COAX RGBS

