



RGBSync Precision Video Coax

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 Through 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

RGBS5NP Non-Plenum

Part Number	Non Plenum Description
RGBS5NP	This document establishes the specifications for a non-plenum RGBSync coaxial cable, consisting of five mini RG59/U's with an overall jacket.

Applications:

- Projection Video
- Assemblies
- Jumpers

APPLICABLE DOCUMENTS

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

**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 Polyethylene.
Insulated conductor O.D: 0.100 in., nominal.
Foil Shield: Alum./polyester tape. (100% coverage).
Braid Shield: Tinned copper, 95% coverage nominal.
Jacket material: PVC.
Overall jacket O.D: 0.146 in., nominal.
Jacket colors: Red, Green, Blue.

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: PVC.
Overall jacket O.D.: .500 in., nominal
Surface print: E111077 TYPE CM (UL) C(UL)
5 COAX RGB

PREPARATION FOR DELIVERY

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cable due to shipment.