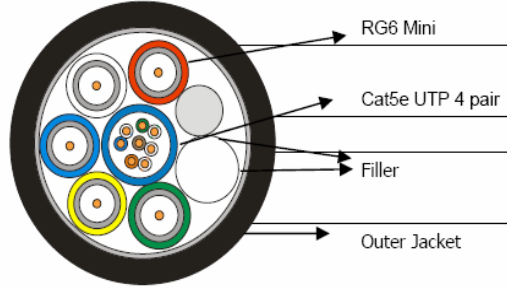


Product Specification sheet for:

# RGB-6

5 COND / MINI RG59/U 25 GA SOLID BARE COPPER + 1x CAT5E  
350mhz - BLACK

## CONSTRUCTION DETAIL



## PROPERTIES

Min. Bending Radius :	
Loaded	20 Times Cable OD
Unloaded	10 Times Cable OD
Max. Pulling Tension	126 LBS
Rated Temperature (°C)	-20~+7

## PHYSICAL CONSTRUCTION

<b>Conductors</b>	BC
AWG	25
<b>Insulation</b>	FPE
Insulation Diameter	2.50 mm
Color	N
<b>First Shielding</b>	AL/P-Foil
<b>First Braiding</b>	TC Wire Braid
Coverage	95%
Lay length (mm)	28
<b>Jacket</b>	PVC
Outer Dia	4.10mm
Color	red/blue/white/green/yellow
<b>COLOR</b>	
<b>Outer Jacket</b>	PVC
	16.00±0.20 mm
Color	Black

## ELECTRICAL CHARACTERISTICS

Characteristic Impedance	75 ±3ohm
Capacitance	54 pF/m
Velocity ratio	82%
DCR: conductor	< 88 ohm/km
DCR: shielding	< 20 ohm/km
Sparker	4000 VCA
Dielectric Strength	2500 VCA
Return loss	5-470MHz    20 dB
	470-1000MHz    18 dB

## ATTENUATION AT 20 °C (DB/100FT)

1	0.38
3.6	0.77
10	1.29
71.5	3.04
135	4.18
270	5.92
360	6.7
720	9.47
1000	11.16
1500	13.67
2000	15.78
2250	16.74
3000	19.33

## MARKING

STRUCTURED CABLE PRODUCTS --- 5RBYL MINI RG59/U 25 AWG  
95% BRAID SHIELD ENHANCED 3GHZ (UL) CM 75C + 1XCAT5E  
ENHANCED 350 MHZ 4PR UTP – E236426 UL CL3 (ROOM 0 1 2 3 4  
5 6 7 8 9 A B (OUTLET -0 1 2 3 4 5 6 7 8 9) ROHS CE MM/YY

## SPECIFICATION CONTROL

Structured Cable Products specifications are subject to change without notice. Please contact a sales representative for a current product specification. Structured Cable Products strives to ensure product specifications are complete, current, and accurate. Please note, all physical specifications are nominal.