

5 CHANNEL STRANDED MINI RGB

05/30/2006 REV 1.0

5 RG59 (26 AWG) Stranded TC



PART NUMBER: RB5SSD

DESCRIPTION: 5 - 26 AWG 1 CONDUCTOR STRANDED 7/34 TINNED COPPER, FOAM, HIGH DENSITY POLYETHYLENE, 95% TC INNER SPIRAL SHIELD, ALUMINUM POLYESTER TAPE OUTER SHIELD, INDIVIDUAL PVC JACKET, OVERALL PVC ALLOY JACKET, SWEEPED TO 3.0GHz, UL TYPE CL2

PHYSICAL CHARACTERISTICS (EACH COAX):

TEMPERATURE RATING: -40 TO +75 DEG. C
CONDUCTOR MATERIAL & DIA.: TINNED COPPER, .019"
GAUGE & STRANDING: 26 AWG 7/34
INSULATION MATERIAL & DIA.: FOAM FLOUROPOLYMER, .072" NOM.
SHIELD TYPE & % COVERAGE: TINNED COPPER SPIRAL BRAID, 95%
ALUMINUM/POLYESTER TAPE, 100%

COLOR CODE: RED, GREEN, BLUE, BLACK, YELLOW
JACKET MATERIAL: PVC
OUTSIDE DIAMETER: .146" NOM

PHYSICAL CHARACTERISTICS (OVERALL):

JACKET MATERIAL: FLEXIBLE PVC
JACKET COLOR: BLACK
RIPCORD: KEVLAR
DRAIN: 22 AWG 7/30 TINNED COPPER
OUTSIDE DIAMETER: .477" NOM
FOOTAGE MARKERS: SEQUENTIAL EVERY 12"
PACKAGING: REEL
SHIPPING WEIGHT: 118 LBS./1000 FT.

ELECTRICAL CHARACTERISTICS (EACH COAX):

MAX. OPERATING VOLTAGE: 300V
IMPEDANCE: 75 OHM
NOM. CAPACITANCE CONDUCTOR TO SHIELD: 17.3 pf/FT
NOM. VELOCITY OF PROPAGATION: 78%
NOM. DELAY: 1.22 NS/FT
NOM. CONDUCTOR DC RESISTANCE @ 20 DEG.C: 41.0 OHMS/1000 FT.

NOM. ATTENUATION:

<u>MHZ</u>	<u>DB/100 FT.</u>	<u>MHZ</u>	<u>DB/100 FT.</u>
100	5.5	1000	21.0
200	8.0	2200	34.9
400	12.0	3000	43.0

UL CRITERIA:

UL TYPE OR STYLE: CL2
FLAME RESISTANCE: UL1581 VERTICAL TRAY

NOTES:

1. Footage markers printed every foot.
3. While Signature Wire Corp. has made every reasonable effort to ensure the accuracy of these specifications, information contained herein may be subject to error and omission and to change without notice. Signature Wire Corp. provides these specifications on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied.