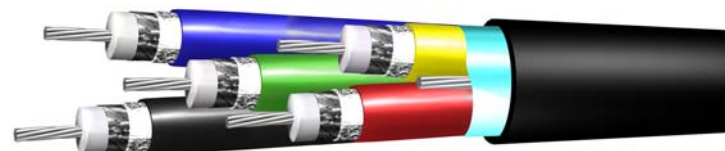


5 CHANNEL STRANDED MINI RGB PLENUM

7/26/2004 REV. 0

5 RG59 (26 AWG) Stranded TC



PART NUMBER: RB5MSD

DESCRIPTION: 5 - 26 AWG 1 CONDUCTOR STRANDED 7/34 TINNED COPPER, FOAM FLOUROPOLYMER DIELECTRIC, 95% TC INNER SPIRAL SHIELD, ALUMINUM POLYESTER TAPE OUTER SHIELD, INDIVIDUAL FLOUROPOLYMER JACKET, OVERALL PVC ALLOY JACKET, KEVLAR RIPCORD, SWEEPED TO 3.0GHZ, UL TYPE CL2P

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: FLOUROPOLYMER
OUTSIDE DIAMETER: .102"

PHYSICAL CHARACTERISTICS (OVERALL):

JACKET MATERIAL: PVC ALLOY
JACKET COLOR: BLACK
RIPCORD: KEVLAR
OUTSIDE DIAMETER: .310" AVG.
FOOTAGE MARKERS: SEQUENTIAL EVERY 12"
PACKAGING: REEL
SHIPPING WEIGHT: 55 LBS./1000 FT.

ELECTRICAL CHARACTERISTICS (EACH COAX):

MAX. OPERATING VOLTAGE: 300V
IMPEDANCE: 75 OHM
NOM. CAPACITANCE CONDUCTOR TO SHIELD: 16.0 pf/FT
NOM. VELOCITY OF PROPAGATION: 83%
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: CL2P
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 expressed, statutory or implied.