

Description: 20 AWG RG59/U COAX + 18/2 CM Siamese  
Compliance: UL13 & 444, NEC Article 820

### Construction:

Conductors 20 AWG Solid Bare Copper center conductor  
2 - 18 AWG 19/0.0092 Stranded Bare Copper  
Copper Clad Aluminum Braid 15% copper by area; DC conductivity 64.4 % min. IAGS

### Insulation

	<u>Coax</u>	<u>18 AWG 2/C</u>
Type	Foamed Polyethylene	Polypropylene
Color	White	Blk, Red
Thickness	0.057" nom.	0.006" nom.
Diameter	0.145±0.004"	0.058" nom.
Lay Length	---	2.25" nom.

	<u>Braid</u>
Strands	0.005" nom. Copper Clad Aluminum
% Coverage	95 nom.

### Jacket

	<u>Coax</u>	<u>18 AWG 2/C</u>
Type/Color	PVC/ Black or White	
Thickness	0.032" nom.	0.018" nom.
Diameter	0.240±0.008" nom.	0.175" nom.
Overall Diameter	0.240 x 0.425" Nom.	
Legend (Ink Print)	<b>HONEYWELL P/N 6508 RG 59/U 1C20 95% BRAID CCTV COAX + 2C18 3038058 (ETL) CM 75C SUN. RES. (RoHS) W/O# XXXXXX-XXX XXXX FT</b>	

### Properties

Voltage Rating	300V
Temperature Rating	-20 to 75 °C
Capacitance	16.5 pf/ft nom.
Impedance	75 Ohms nom.
Resistance (Conductor)	20 AWG - 10.9; 18 AWG - 6.3 Ohms/M @20 C
Resistance (Braid)	9.0 Ohms/M' at 20°C
Attenuation (db/100')	0.86 at 1 MHz, 5.1 at 400 MHz, 8.12 at 1000 MHz
Flame Rating	UL Vertical Tray