

F59 HEC-2 CL2 3-22 HEADEND CABLE

75 Ohm Coaxial Cable

Drop Cable

CATV (UL)



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PRODUCT DESCRIPTION:

BONDED LAMINATED ALUMINUM TAPE, 95% BRAID, LAMINATED ALUMINUM TAPE (NON-BONDED) 95% BRAID, FLAME RETARDANT PVC JACKET (MEETS NEC ARTICLE 820 V RATING (UL LISTED))

AUDIO PAIR:

3 BARE COPPER TWISTED PAIR, TIN-COPPER DRAIN, POLYESTER RIP CORD WITH ALUMINUM SHIELD ON EACH PAIR

CENTER CONDUCTOR:

20 AWG SILVER PLATED COPPER COVERED STEEL
 NOMINAL DIAMETER: 0.032" (0.81 mm)

DIELECTRIC:

GAS EXPANDED POLYETHYLENE
 NOMINAL DIAMETER OVER DIELECTRIC: 0.144" (3.66 mm)

SHIELD:

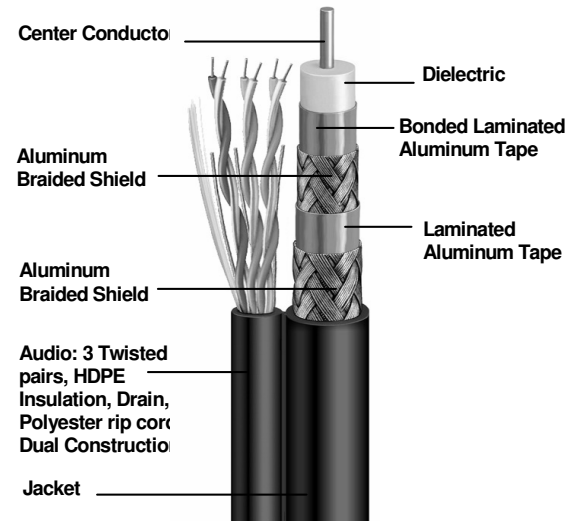
1st SHIELD: ALUMINUM LAMINATED TAPE BONDED TO THE DIELECTRIC
 NOMINAL DIAMETER OVER TAPE: 0.151" (3.84 mm)
2nd SHIELD: 34 AWG ALUMINUM BRAID WIRE
 95% COVERAGE
3RD SHIELD: ALUMINUM LAMINATED TAPE
4TH SHIELD: 34 AWG ALUMINUM BRAID WIRE
 95% COVERAGE

JACKET:

FLAME RETARDANT PVC JACKET
 NOMINAL DIAMETER OVER JACKET: 0.270" (6.86 mm)

ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 +/- 3.0 Ohms
 VELOCITY OF PROPAGATION: 85% NOMINAL
 ATTENUATION @ 68°F (20°C):



@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.86 dB	2.82 dB
55 MHz	2.05 dB	6.73 dB
83 MHz	2.45 dB	8.04 dB
187 MHz	3.60 dB	11.81 dB
211 MHz	3.80 dB	12.47 dB
250 MHz	4.10 dB	13.45 dB
300 MHz	4.45 dB	14.60 dB
350 MHz	4.80 dB	15.75 dB
400 MHz	5.10 dB	16.73 dB
450 MHz	5.40 dB	17.72 dB
500 MHz	5.70 dB	18.70 dB
550 MHz	5.95 dB	19.52 dB
600 MHz	6.20 dB	20.34 dB
750 MHz	6.97 dB	22.87 dB
865 MHz	7.52 dB	24.67 dB
1000 MHz	8.12 dB	26.64 dB



Drawing not to scale.
 Specifications subject to change.
 Revision: 08/26/08