

# F59 HEC-2 VV HEADEND CABLE

## 75 Ohm Coaxial Cable

### Drop Cable

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#### PRODUCT DESCRIPTION:

**BONDED LAMINATED ALUMINUM TAPE, 95% BRAID,  
 LAMINATED ALUMINUM TAPE, 95% BRAID,  
 FLAME RETARDANT PVC JACKET**

#### CENTER CONDUCTOR:

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

#### DIELECTRIC:

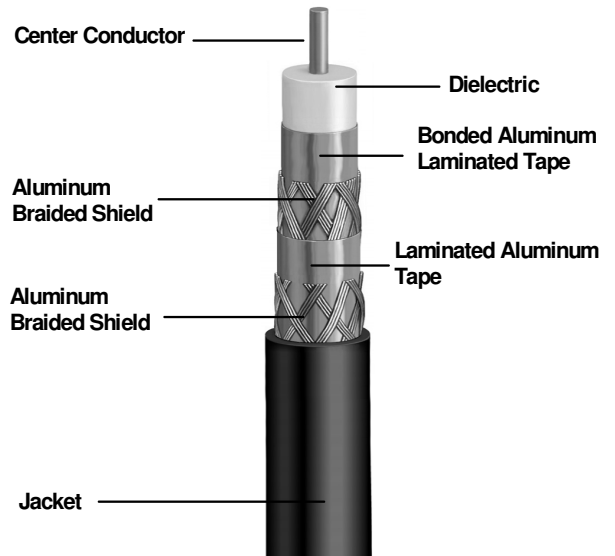
GAS EXPANDED POLYETHYLENE  
 NOMINAL DIAMETER OVER DIELECTRIC: 0.144" (3.66 mm)

#### SHIELD:

**1<sup>st</sup> SHIELD:** ALUMINUM LAMINATED TAPE BONDED TO THE DIELECTRIC  
 NOMINAL DIAMETER OVER TAPE: 0.151" (3.84 mm)  
**2<sup>nd</sup> SHIELD:** 34 AWG ALUMINUM BRAID WIRE  
 95% COVERAGE  
**3<sup>rd</sup> SHIELD:** ALUMINUM LAMINATED TAPE  
**4<sup>th</sup> SHIELD:** 34 AWG ALUMINUM BRAID WIRE  
 95% COVERAGE

#### JACKET:

FLAME RETARDANT PVC JACKET (AVAILABLE IN 12 COLORS)  
 NOMINAL DIAMETER OVER JACKET: 0.270" (6.86 mm)



#### ELECTRICAL PROPERTIES:

IMPEDANCE: 75 +/- 3 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