

F MINI™ HEC

75 Ohm Coaxial Cable

Digital Broadband Drop Cable

CMR CATVR (ETL)

PRODUCT DESCRIPTION:

BONDED LAMINATED ALUMINUM TAPE, 64% BRAID, LAMINATED ALUMINUM TAPE, 95% BRAID, FLAME RETARDENT PVC JACKET

CENTER CONDUCTOR:

**COPPER COVERED STEEL, 40% CONDUCTIVITY
 NOMINAL DIAMETER: 0.0226" (0.574 mm)**

DIELECTRIC:

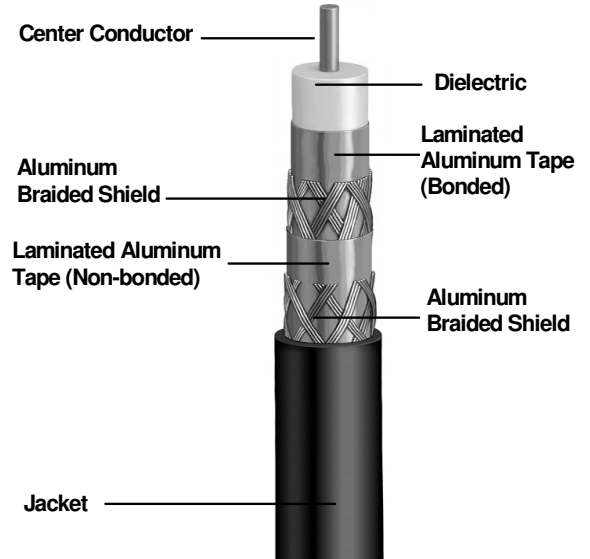
**GAS EXPANDED POLYETHYLENE
 NOMINAL DIAMETER OVER DIELECTRIC: 0.100" (2.54 mm)**

SHIELD:

**1ST SHIELD: LAMINATED ALUMINUM TAPE BONDED TO THE DIELECTRIC
 NOMINAL DIAMETER OVER TAPE: 0.107" (2.72 mm)
 2ND SHIELD: 36 AWG ALUMINUM BRAID WIRE
 64% COVERAGE
 3RD SHIELD: ALUMINUM LAMINATED TAPE
 4TH SHIELD: 36 AWG ALUMINUM BRAID WIRE
 95% COVERAGE**

JACKET:

**FLAME RETARDENT PVC JACKET
 NOMINAL DIAMETER OVER JACKET: 0.202" (5.13 mm)
 NOMINAL JACKET THICKNESS: 0.025" (0.64 mm)**



CABLE WEIGHT: 18.6 lbs/kft - 27.7 kg/km

ELECTRICAL PROPERTIES:

**IMPEDANCE: 75.0 +/- 3.0 Ohms
 VELOCITY OF PROPAGATION: 82.0% Nominal
 STRUCTURAL RETURN LOSS: -20 dB Minimum 5 MHz to 1000 MHz
 DC LOOP RESISTANCE - Ohms/kft (Ohms/km): 52.8 (173)
 RF SHIELDING: ≥ 120 dB 5 MHz to 1000 MHz
 ATTENUATION @ 68°F (20°C):**

Frequency (MHz)	dB/100ft (MAX.)	dB/100m (MAX.)
5	1.00	3.28
55	2.82	9.27
211	5.30	17.39
250	5.72	18.75
270	5.94	19.49
300	6.26	20.54
330	6.56	21.52
350	6.75	22.16
400	7.25	23.79
450	7.70	25.25
500	8.11	26.60
550	8.54	28.02
600	8.92	29.28
750	10.01	32.85
870	10.79	35.39
1000	11.62	38.13