

HD-SDI 5C-HFBT (VIDEO & POWER) CABLE

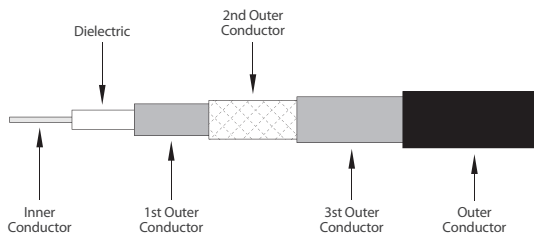
5C-HFBT 10M / 20M / 30M / 40M / 50M / 60M / 70M



→ KEY FEATURES

- Coaxial cable for HD-SDI Camera
- 10m, 20m, 30m, 40m, 50m, 60m, 70m
- Power + Video by one cable
- Characteristic Impedance, Ω : 75 ± 3
- Velocity of Propagation, % : 85
- Capacitance, Nominal : 16.2 pF/ft (53.2 pF/m)
- DC Resistance : Ω / kft (Ω / km)
- Inner Conductor : 5.06
- Outer Conductor : 7.62
- Loop : 12.68

→ CHARACTERISTICS



Material	Detail	inches	mm
Inner Conductor	Bare Copper	0.047	1.20
Dielectric	Foamed Polyethylene	0.197	5.00
1st Outer Conductor	Unsealed APA Tape	0.201	5.10
2nd Outer Conductor	62% Tinned Copper Braid	0.220	5.60
3rd Outer Conductor	Unsealed AP Tape	0.222	5.65
Jacket	PVC, Black	0.291	7.40

→ SPECIFICATIONS

5C-HFBT (10~70M)

ELECTRICAL SPECIFICATIONS

Characteristic Impedance		$75 \pm 3 \Omega$	
Velocity of Propagation		85%	
Capacitance, Nominal		16.2 pF/ft	53.2 pF/ft
DC Resistance	Inner Conductor	5.06 Ω /kft	16.60 Ω /kft
	Outer Conductor	7.62 Ω /kft	25 Ω /kft
	Loop	12.68 Ω /kft	41.60 Ω /kft

ATTENUATION, NOMINAL @ 68°F (20°C)

Frequency	10MHz	0.625 dB/100ft	2.05 dB/100m
	50MHz	1.265 dB/100ft	4.15 dB/100m
	150MHz	2.118 dB/100ft	6.95 dB/100m
	250MHz	2.765 dB/100ft	9.07 dB/100m
	350MHz	3.316 dB/100ft	10.88 dB/100m
	450MHz	3.837 dB/100ft	12.59 dB/100m
	750MHz	5.075 dB/100ft	16.65 dB/100m
	1000MHz	6.099 dB/100ft	20.01 dB/100m