



**RG6 Series, Tri-Shield 77% Coaxial Cable,
Black, 1000ft**

CX-CB-R6T-77B

SPECIFICATIONS

FEATURES AND BENEFITS

- Series 6 tri-shield coaxial cable with 77% braid coverage for improved shielding performance
- Supports wide bandwidth from 5 MHz to 3 GHz for CATV, broadband, and satellite applications
- Bonded foil + braid + bonded outer foil construction for enhanced signal integrity
- Foam PE dielectric provides low attenuation and stable electrical performance
- Copper-clad steel center conductor for strength and conductivity
- Durable PVC jacket suitable for indoor and outdoor installations
- Supplied on reels for efficient handling and installation

GENERAL SPECIFICATION

- **Cable Type:** Series 6
- **Shield Construction:** Tri-shield (bonded inner foil + 77% aluminum braid + bonded outer foil)
- **Dielectric:** Foam PE
- **Inner Conductor:** Copper-clad steel
- **Operating Frequency Band:**
5 to 3000 MHz
- **Impedance:** 75 Ohms
- **Velocity of Propagation:** 85%
- **Jacket Material:** PVC
- **Packaging Type:** Reel

DIMENSIONS

Parameter	Specification
Cable Length	1000 ft (305 m)
Diameter Over Jacket	0.275 in (6.99 mm)
Jacket Wall Thickness	0.03 in (0.76 mm)
Diameter Over Tape	0.186 in (4.72 mm)
Diameter Over Dielectric	0.177 in (4.49 mm)
Inner Conductor Diameter	0.0403 in (1.024 mm)

Call +84 96 615 09 11 or email: sales@conexvn.com for more information

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REEL INFORMATION

Parameter	Specification
Reel Flange Diameter	12 in (310 mm)
Hub Diameter	4 in (100 mm)
Traverse Width	11.8 in (300 mm)
Total Weight	32 lbs (14.5 kg)

ELECTRICAL SPECIFICATIONS

Parameter	Specification
DC Loop Resistance	32.4 Ω /kft (106 Ω /km)
Dielectric Strength	1500 V
Jacket Spark Test Voltage (RMS)	2500 V

ATTENUATION @ 68 °F (20 °C)

Frequency (MHz)	dB / 100 ft	dB / 100 m
5	0.58	1.9
55	1.6	5.25
211	3.05	10
250	3.3	10.82
300	3.55	11.64
400	4.15	13.61
500	4.66	15.29
750	5.65	18.54
870	6.11	20.04
1000	6.55	21.49
1500	8.13	26.63
2000	9.5	31.12
2500	10.73	35.15
3000	11.86	38.8