

**CAROL  
BRAND****ELECTRONICS  
WIRE & CABLE**

## ■ RG 6/U Type Coaxial Cable for DBS Applications

General Cable offers a line of coaxial cables **specifically designed to meet the demands of Direct Broadcast Satellite (DBS) applications.** The growth in small satellite installations has created the need for cables that will handle the increased bandwidth and special installation requirements for these types of systems.

For example, General Cable offers single and dual coaxial constructions, both with and without an integral ground wire. These cables are continuously sweep tested to 2200 MHz for attenuation. This ensures that the cable will meet the bandwidth requirements of today as well as tomorrow.

In addition, these cables carry the latest industry and regulatory approvals and are backed by General Cable's uncompromising promise of quality and attention to detail.



### Special Application Cable

Hook-up Wire

Plenum Cable

Coaxial Cable

Microphone Cable

Computer Cable

General Purpose Cable

Multi-Conductor  
Communication & Control Cable

Multi-Paired  
Communication & Control Cable

Fire Alarm Cable

Sound & Security Cable

*For more information, contact your local General Cable representative.*





 **General Cable**

# RG 6/U Type for Direct Broadcast Satellite Applications

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BRAND**

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## NEC Type CL2/CATV/CM

Catalog Number	AWG SIZE NOM. DCR	Insulation Material		Shield Coverage Nom Shield DCR	Nominal O.D.		Nominal Capacitance		Velocity of Propagation, %	Nominal Impedance, Ohms	Nominal Attenuation			
		inches	mm		inches	mm	pF/ft	pF/m			MHz	db/100ft		
C5775 RG 6/U Type DBS NEC CL2 CATV, CM, CEC CM  	18 Ga. Solid Copper Clad Steel 28.9Ω/M	Cellular Polyethylene	0.177	4.50	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/M	Black PVC		16.20	53.15	85	75	1	0.26	
						0.267	6.78					10	0.81	
													50	1.46
													100	2.05
													200	2.83
													500	4.53
													1000	6.59
													1450	8.10
													1800	8.80
													2200	10.10
C5822 RG 6/U Dual Type DBS NEC CL2 CATV, CM CEC CM  	18 Ga. Solid Copper Clad Steel 28.9Ω/M	Cellular Polyethylene	0.180	4.57	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/M	Black PVC		16.20	53.15	85	75	1	0.26	
						0.270 x 0.595	6.86 x 15.11					10	0.81	
													50	1.46
													100	2.05
													200	2.83
													500	4.53
													1000	6.59
													1450	8.10
													1800	8.80
													2200	10.10
C5824 RG 6/U Type DBS w/ Ground NEC CL2, CATV, CM CEC CM  	18 Ga. Solid Bare Copper 6.5Ω/M	Cellular Polyethylene	0.180	4.57	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/M	Black PVC		16.20	53.15	85	75	1	0.26	
						0.270 x 0.410	6.86 x 10.41					10	0.81	
													50	1.46
													100	2.05
													200	2.83
													500	4.53
													1000	6.59
													1450	8.10
													1800	8.80
													2200	10.10
C5826 RG 6/U Dual Type DBS w/ Ground NEC CL2, CATV, CM CEC CM  	18 Ga. Solid Bare Copper 6.5Ω/M	Cellular Polyethylene	0.180	4.57	100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/M	Black PVC		16.20	53.15	85	75	1	0.26	
						0.270 x 0.703	6.86 x 17.86					10	0.81	
													50	1.46
													100	2.05
													200	2.83
													500	4.53
													1000	6.59
													1450	8.10
													1800	8.80
													2200	10.10

Contains 17 AWG (.045") CCS ground wire.

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### Applications

- Direct Broadcast Satellite
- Analog, Digital and Hybrid Cable TV Systems
- FM Broadcast
- MATV

### Compliances

- NEC Article 725, Type CL2 (UL: 75°C, 150V)
- NEC Article 800, Type CM (UL: 75°C, 300V)
- NEC Article 820, Type CATV (UL: 75°C, 150V)
- Canada CEC, Type CM

### Packaging

- 1000 ft (305 m) Reels
- Other put-ups available - consult Customer Service



Listed Type  
CM



Listed Type  
CL2



Listed Type  
CATV



4 Tesseneer Drive  
Highland Heights, Kentucky 41076-9753  
Telephone: (800) 424-5666  
(859) 572-8000  
Fax: (800) 547-8249  
www.generalcable.com

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