

Carol® Brand RG 59/U Coaxial Cables with 17 FREE™

Standard RG 59/U Type and Siamese RG 59/U CCTV



Features and Benefits

- Halogen-free
- Reduced toxicity
- Low-vision-impairing smoke
- More environmentally friendly
- Flexibility for easy installation
- Performance guaranteed to 3 GHz
- Print legend contains TRU-Mark® Footage Precision Marking System
- Third-party verified for guaranteed performance

Applications

- Suitable for RF signal transmission
- CATV
- MATV
- CCTV
- Local Area Network
- Digital video
- Monitor/VDT display

Standard Compliances

- NEC Article 725 Type CL2 (ETL: 60°C)
- ETL listed (UL Standard 13)
- NEC Article 800 Type CM (ETL: 60°C)
- ETL listed (UL Standard 444)
- RoHS Compliant Directive 2002/95/EC



Data subject to change without notice.

Product Construction:

Conductors:

- Bare copper per ASTM B-3

Insulation/Core:

- Foam Polyethylene (PE)

Shield:

- Bare copper braid

Jacket:

- Black non-plenum zero-halogen Polyolefin

Packaging:

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C114217F RG 59/U Type (ETL) CL2, c(ETL)us CM	20 AWG Solid Bare Copper 10.1 Ω/Mft	Foam PE		95% Bare Copper Braid 3.0 Ω/Mft	Black Non-Plenum Zero-Halogen Polyolefin		16.20	53.15	82	75	1	0.25
											10	0.78
		50	1.97									
		100	2.79									
		200	3.97									
		500	6.35									
		1000	9.15									
		1450	11.02									
		1800	12.28									
		2200	13.57									
3000	15.84											

Product Construction:

Conductors:

- Bare copper per ASTM B-3
- Twisted pair color code: black and red

Insulation/Core:

- Coax: Foam Polyethylene (PE)
- Twisted Pair: zero-halogen Polyolefin

Shield:

- Bare copper

Jacket:

- Black non-plenum zero-halogen Polyolefin

Packaging:

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C802817F RG 59/U Type +18 AWG Unshielded Pair (ETL) CL2, c(ETL)us CM	20 AWG Solid Bare Copper Coax	Foam PE		95% Bare Copper Braid	Black Non-Plenum Zero-Halogen Polyolefin		16.20	53.15	82	75	1	0.25
											10	0.78
	50	1.97										
	100	2.79										
18 AWG (7/26) Unshielded Pair	Black Non-Plenum Zero-Halogen Polyolefin		Unshielded Pair	0.236	5.99	0.236	5.99	0.440	11.18	500	6.35	
				1000	9.15							
		0.010	0.250									



Going Green with General Cable

General Cable has accelerated its environmental commitment, addressing its green alternative approach by identifying greener opportunities and promoting green cabling solutions wherever feasible. This includes promoting our existing green products, partnering with key customers in their green endeavors, identifying and providing for green product gaps, and participating as a member of the United States Green Building Council (USGBC) and collaborative ventures such as the Green Suppliers Network (GSN).



4 Tesseneer Drive, Highland Heights, Kentucky 41076-9753

GENERAL CABLE, 17 FREE, CAROL BRAND and TRU-MARK are trademarks of General Cable Technologies Corporation.

©2011. General Cable Technologies Corporation. Highland Heights, KY 41076
All rights reserved.

Printed in USA



Phone: 1.888.295.5896

Fax: 1.800.547.8249

info@generalcable.com

www.generalcable.com

Form No. CAR-0136-0311

39606