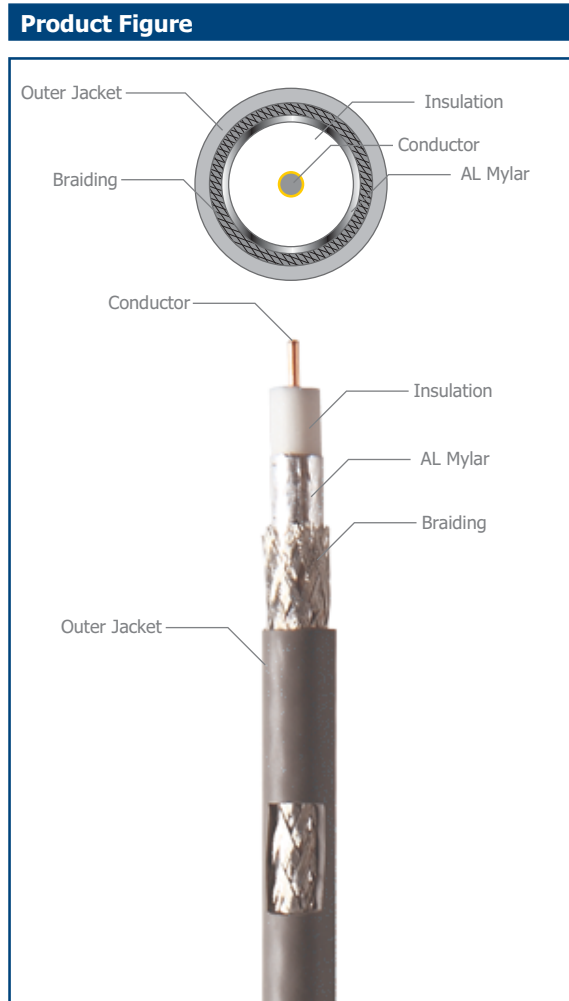


CATV (RG-59) / Part No.: CX-1RG59XN-C2CP* (40%)

Description	
●	Rated temperature: 75°C
●	Reference standard: GR-2881-CORE, SCTE IPS-SP-001, UL 1655, UL 13, UL444
●	Solid Copper Clad Steel conductor
●	Skin foam HDPE insulation
●	Passes UL Riser flame test & CSA FT4 vertical flame test
●	Packaging: Reel in Box, Reel

Application	
●	Drop cable for CATV and MATV distribution
●	Networking that integrates voice, video and data signal transmission
●	Direct burial drop cable



* Custom configuration is available upon request.

Physical Characteristics		
Structure	Construction	20AWG CCS
	Conductor Dimension (mm)	0.82
	Conductor Material	Solid Copper Clad Steel
Insulation	Insulation Material	Skin Foam HDPE
	Insulation Dimension (mm)	3.66
Shield	Outer Shield & Material	AL + 40% AL Braiding
	Messenger	No
Outer Jacket	Outer Jacket Material	PVC
	Overall Nominal Diameter (mm)	5.8
Mechanical Characteristics	Operating Temp. Range	-20~75°C
	Bulk Cable Weight (KG)	33.59KG
	Nom. Mutual Capacitance @ 1kHz	≤ 53.1nF /100M
Electrical Characteristics	Flame Test	CMX, CM, CMG, CMR
	Nominal Velocity of Propagation	82%
	Max. Conductor DC Resistance @ 20 Deg. C	161.4Ω /100M

CATV High Frequency Electrical Characteristics				
RG-59				
Frequency(MHZ)	ATT(dB/100m)	Impedence	SRL	Vel. of Prop(%)
5	4.00	75± 3	≥20	82
55	6.76	75± 3	≥20	82
211	12.93	75± 3	≥20	82
250	14.10	75± 3	≥20	82
270	14.67	75± 3	≥20	82
300	15.49	75± 3	≥20	82
350	16.79	75± 3	≥20	82
400	17.98	75± 3	≥20	82
450	19.13	75± 3	≥20	82
500	20.20	75± 3	≥20	82
600	22.27	75± 3	≥20	82
750	25.00	75± 3	≥20	82
870	27.03	75± 3	≥20	82
1000	29.10	75± 3	≥20	82

