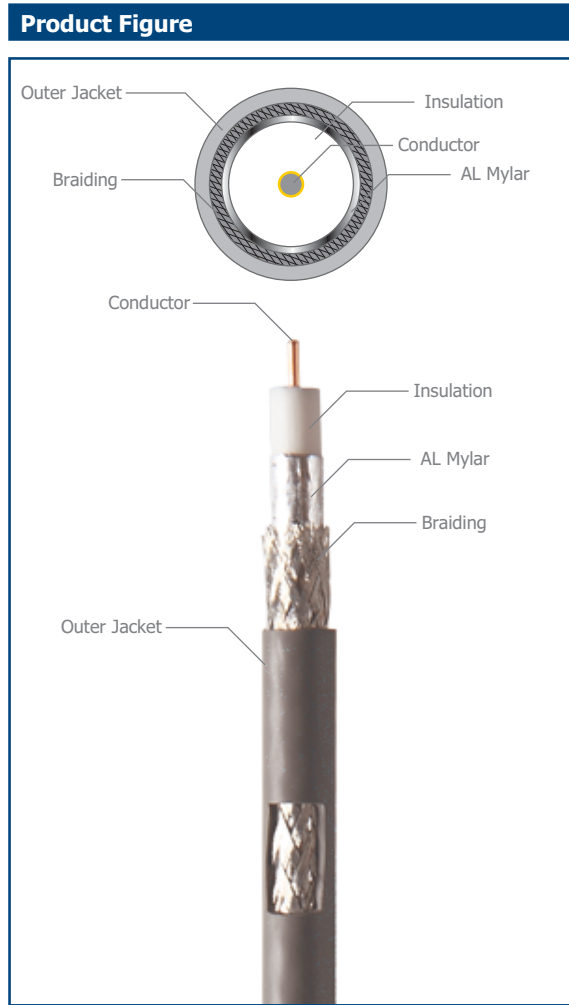


## CATV (RG-59) / Part No.: CX-1RG59XN-C2CP\* (95%)

Description
<ul style="list-style-type: none"> <li>Rated temperature: 75°C</li> <li>Reference standard: GR-2881-CORE, SCTE IPS-SP-001, UL 1655, UL 13, UL444</li> <li>Solid Copper Clad Steel conductor</li> <li>Skin foam HDPE insulation</li> <li>Passes UL Riser flame test &amp; CSA FT4 vertical flame test</li> <li>Packaging: Reel in Box, Reel</li> </ul>

Application
<ul style="list-style-type: none"> <li>Drop cable for CATV and MATV distribution</li> <li>Networking that integrates voice, video and data signal transmission</li> <li>Direct burial drop cable</li> </ul>



\* Custom configuration is available upon request.

Physical Characteristics		
<b>Structure</b>	<b>Construction</b>	20AWG CCS
	<b>Conductor Dimension (mm)</b>	0.82
	<b>Conductor Material</b>	Solid Copper Clad Steel
<b>Insulation</b>	<b>Insulation Material</b>	Skin Foam HDPE
	<b>Insulation Dimension (mm)</b>	3.66
<b>Shield</b>	<b>Outer Shield &amp; Material</b>	AL+95% AL Braiding
	<b>Messenger</b>	No
<b>Outer Jacket</b>	<b>Outer Jacket Material</b>	PVC
	<b>Overall Nominal Diameter (mm)</b>	5.8
<b>Mechanical Characteristics</b>	<b>Operating Temp. Range</b>	-20~75°C
	<b>Bulk Cable Weight (KG)</b>	37.43KG
	<b>Nom. Mutual Capacitance @ 1kHz</b>	≤ 53.1nF /100M
	<b>Flame Test</b>	CMX, CM, CMG, CMR
<b>Electrical Characteristics</b>	<b>Nominal Velocity of Propagation</b>	82%
	<b>Max. Conductor DC Resistance @ 20 Deg. C</b>	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

