


**Physical Dimensions**

Component		Standard Shield	Tri Shield	Quad Shield
<b>Conductor</b>	Material	CCS/BC	CCS/BC	CCS/BC
	Dia.(mm)	1.02±0.01	1.02±0.01	1.02±0.01
<b>Dielectric</b>	Material	Foam PE	Foam PE	Foam PE
	Dia. (mm)	4.57±0.10	4.57±0.10	4.57±0.10
<b>Shield</b>	Material	Al Foil + Al Braid	Al Foil + Al Braid + Al Foil	(Al Foil + Al Braid)*2
	Coverage	40% 95%	40% 95%	40% 95%
<b>Jacket</b>	Material	PVC/PE	PVC/PE	PVC/PE
	Dia. (mm)	6.90±0.10	7.06±0.10	7.54±0.10
<b>Messenger</b>	Material	Galvanized Steel	Galvanized Steel	Galvanized Steel
	Dia. (mm)	1.30±0.01	1.30±0.01	1.30±0.01
		1.83±0.01	1.83±0.01	1.83±0.01

**Mechanical Characteristics**

<b>Minimum Breaking Strength of Messenger</b>	1.30mm	82kgf
	1.83mm	166kgf

**Electrical Characteristics**

<b>Impedance(Ω)</b>	75±3
<b>Velocity of Propagation</b>	83%
<b>Capacitance(pF/m)</b>	53.1
<b>Structural Return Loss(≥dB)</b>	20

**Attenuation [68° F. (20° C)]**

Frequency(MHz)	Maximum(dB/100m)
5	2.20
55	5.25
211	9.42
300	11.25
400	13.12
550	15.45
750	18.34
1000	21.46
1450	26.20
1800	28.90
2250	32.80
3000	39.00

Part No.	Item Description	Shield
CC-RG06-XX	Coaxial Cable RG6 (Shield Type)	SS - Standard Shield TS - Tri-Shield QS - Quad-Shield