



Physical Dimensions

Component		Standard Shield	Tri Shield	Quad Shield
Conductor	Material	CCS/BC	CCS/BC	CCS/BC
	Dia. (mm)	1.63 ± 0.01	1.63 ± 0.01	1.63 ± 0.01
Dielectric	Material	Foam PE	Foam PE	Foam PE
	Dia. (mm)	7.11 ± 0.10	7.11 ± 0.10	7.11 ± 0.10
Shield	Material	Al Foil + Al Braid	Al Foil + Al Braid + Al Foil	(Al Foil + Al Braid)*2
	Coverage	40% 95%	40% 95%	40% 95%
Jacket	Material	PVC/PE	PVC/PE	PVC/PE
	Dia. (mm)	10.03 ± 0.10	10.16 ± 0.10	10.34 ± 0.10
Messenger	Material	Galvanized Steel	Galvanized Steel	Galvanized Steel
	Dia. (mm)	1.83 ± 0.01	1.83 ± 0.01	1.83 ± 0.01

Mechanical Characteristics

Minimum Breaking Strength of Messenger	166kgf
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Electrical Characteristics

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

Attenuation [68° F. (20° C)]

Frequency(MHz)	Maximum(dB/100m)
5	1.25
55	3.18
211	5.94
300	7.05
400	8.10
550	9.65
750	11.48
1000	13.88
1450	18.10
1800	20.60
2250	23.50
3000	28.90

Part No.	Item Description	Shield
CC-RG59-XX	Coaxial Cable RG59 (Shield Type)	SS - Standard Shield TS - Tri-Shield QS - Quad-Shield