


Surveillance Coax

Coaxial and Composite Cables for Surveillance and CCTV Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Nominal DCR		Nominal Core OD		Nominal OD		Nom. Imp. (Ω)
			Ft.	m	Lbs.	kg	Conductor	Shielding	Inch	mm	Inch	mm	

Coaxial • RG-59/U Type • 20 AWG Solid Bare Copper Conductor • Bare Copper Braid Shield (95% Coverage)


Foam Polyolefin Insulation • PVC Jacket (Available in Black or White)

75°C	543945	NEC:	U-500	U-152.4	13.0	6.0	10.0Ω/M'	3.5Ω/M'	.145	3.68	.232	5.89	75
		CM	500	152.4	16.0	7.3	32.8Ω/km	11.5Ω/km					
		CEC:	U-1000	U-304.8	32.0	14.5							
		CM FT1	1000	304.8	34.0	15.4							

Jacket sequentially marked at 2 ft. intervals.

Composite • RG-59/U Type, 20 AWG Coax Solid BC Conductor • BC Braid Shield (95% Coverage) • **18 AWG** UTP Stranded (7x26) BC Conductor


Foam Polyolefin Insulation (Coax) • PVC Insulation (Pair, Color Code: Red, Black) • PVC Jacket (Available in Black or White)

Siamese Configuration	549945	NEC:	500	152.4	30.0	13.6	Coax:	3.5Ω/M'	Coax OD:	.232	5.89	75
75°C		CM	1000	304.8	60.0	27.3	10.0Ω/M'	11.5Ω/km	.145	3.68	x	x
		CEC:						32.8Ω/km		Pair OD:	.460	11.68
		CM FT1						Each Pair:		.046	1.17	

Jacket sequentially marked at 2 ft. intervals.

Composite • RG-6/U Type, 18 AWG Coax Solid BC Conductor • BC Braid Shield (95% Coverage) • **18 AWG** UTP Stranded (7x26) BC Conductor

Foam Polyolefin Insulation (Coax) • PVC Insulation (Pair, Color Code: Red, Black) • Black PVC Jacket

Siamese Configuration	539945	NEC:	500	152.4	34.0	15.5	Coax:	3.5Ω/M'	Coax OD:	.266	6.76	75
75°C		CM	1000	304.8	69.0	31.3	10.0Ω/M'	11.5Ω/km	.180	4.57	x	x
		CEC:						32.8Ω/km		Pair OD:	.500	12.70
		CM FT1						Each Pair:		.066	1.68	

Jacket sequentially marked at 2 ft. intervals.

BC = Bare Copper • DCR = DC Resistance • UTP = Unshielded Twisted Pair

For additional selection of Belden® Security and CCTV Cables, refer to the New Generation® and Coaxial Cables sections of this catalog.