

Industrial Data Solutions® - Industrial Coax


ControlBus™ Quad Shielded Coax



De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m

18 AWG • Solid 1.0 mm Copper-Covered Steel • Duobond® IV Quad Shield


Gas-Injected Foam Polyethylene Insulation • Grey PVC Jacket

	3131A	NEC:	1000	305	41.0	18.6	1.02 mm	0.180	4.57	Duobond® IV Quad Shield 11.8 Ω/km***	0.300	7.62	75	82%	16.2	53.1	1	0.3	1.1		
		CL2R CMR	2500	762	100.1	45.4	18 AWG										2	0.4	1.2		
		CEC:															Solid CCS	5	0.5	1.5	
		CMG FT4															103.6 Ω/km*	10	0.6	1.9	
																	91.8 Ω/km**	20	0.9	2.8	
																		50	1.4	4.5	
							100	2.0	6.5												
							200	2.8	9.3												
							300	3.5	11.4												
							400	4.1	13.3												

RG-6/U Type

Sweep tested 5 MHz to 400 MHz. CPE jacket optional.
IEEE 802.4 MAP/IEEE 802.7 Mini-MAP Tap marks every 2.6 m to aid users in installation.

Plenum • Foam FEP Insulation • Grey Fluorocopolymer Jacket


	150°C 3132A	NEC:	1000	305	36.2	16.4	1.02 mm	0.170	4.32	Duobond® IV Quad Shield 11.8 Ω/km***	0.274	6.96	75	82%	16.3	53.5	1	0.4	1.2		
		CMP															18 AWG	2	0.4	1.2	
		CEC:															Solid CCS	5	0.5	1.6	
		CMG FT6															103.6 Ω/km*	10	0.6	2.1	
																	91.8 Ω/km**	20	0.9	3.1	
																		50	1.5	4.9	
							100	2.1	7.0												
							200	3.0	9.8												
							300	3.7	12.0												
							400	4.2	13.9												

RG-6/U Type

Sweep tested 5 MHz to 400 MHz. Tap marks every 2.6 m to aid users in installation.
IEEE 802.4 MAP/IEEE 802.7 Mini-MAP Suitable for outdoor and direct burial applications.

14 AWG • Solid 1.6 mm Copper-Covered Steel • Duobond® IV Quad Shield


Gas-Injected Foam Polyethylene Insulation • Grey PVC Jacket

	3094A	NEC:	500	152	35.5	16.1	1.63 mm	0.280	7.11	Duobond® IV Quad Shield 4.9 Ω/km***	0.407	10.34	75	82%	16.2	53.1	1	0.2	0.5		
		CL2R CMR	1000	305	61.9	28.1	14 AWG										2	0.2	0.6		
		CEC:	2500	762	140.2	63.6	Solid CCS										5	0.3	0.9		
		CMG FT4															41.0 Ω/km*	10	0.4	1.2	
																	36.1 Ω/km**	20	0.5	1.8	
																		50	0.8	2.7	
							100	1.2	3.8												
							200	1.6	5.3												
							300	2.0	6.5												
							400	2.3	7.5												

RG-11/U Type

Sweep tested 5 MHz to 400 MHz. CPE jacket optional.
IEEE 802.4 MAP Tap marks every 2.6 m to aid users in installation.

Plenum • Foam FEP Insulation • Grey Fluorocopolymer Jacket

	150°C 3095A	NEC:	1000	305	76.1	34.5	1.63 mm	0.280	7.11	Duobond® IV Quad Shield 12.8 Ω/km***	0.387	9.83	75	82%	16.5	54.1	1	0.2	0.6		
		CMP															14 AWG	2	0.2	0.7	
		CEC:															Solid CCS	5	0.3	0.9	
		CMG FT6															48.9 Ω/km*	10	0.4	1.3	
																	36.1 Ω/km**	20	0.6	2.0	
																		50	1.2	3.9	
							100	1.7	5.6												
							200	2.5	8.2												
							300	3.0	10.0												
							400	3.5	11.5												

RG-11/U Type

Sweep tested 5 MHz to 400 MHz. Tap marks every 2.6 m to aid users in installation.
IEEE 802.4 MAP Suitable for outdoor and direct burial applications.

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • CCS = Copper-Covered Steel • DCR = DC resistance
Duobond® IV see technical information page 23.13.