

Video Triax Cables



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	
Triax 8 • Stranded (19x0.36) 1.0 mm • Silver-Plated Copper • 90% Silver-Plated Copper Braid • 80% Bare Copper Braid																				
Foam Polyethylene Insulation • Red PVC Jacket																				
	70°C	7783AF	1000	305	75.0	34.0	0.99 mm	0.178	4.52	90% SPC Braid	0.331	8.40	75	82%	16.5	54.0	1	0.2	0.6	
							20 AWG										+ 80% BC Braid	10	0.7	2.2
							(19x0.36) SPC											20	1.0	3.2
							22.0 Ω/km*											40	1.4	4.6
							12.0 Ω/km**											50	1.6	5.1
	60	1.7	5.6																	
	100	2.3	7.5																	
	300	4.2	13.8																	
Return loss at			5-850 MHz: ≥ 21 dB			Spools are one piece, but length may vary 0% to +10% from length shown.														
Triax 11 • Solid 1.4 mm Silver-Plated Copper • 90% Silver-Plated Copper Braid • 85% Bare Copper Braid																				
Foam Polyethylene Insulation • Red PVC Jacket																				
	70°C	7784AS	1000	305	100.1	49.3	1.4mm	0.256	6.50	90% SPC Braid	0.455	11.30	75	81%	16.8	55.0	1	0.2	0.5	
							16 AWG										+ 85% BC Braid	10	0.5	1.6
							Solid SPC											20	0.7	2.3
							18.4 Ω/km*											40	1.0	3.3
							11.0 Ω/km**											50	1.1	3.7
	60	1.3	4.1																	
	100	1.6	5.2																	
	300	3.1	10.3																	
	750	4.6	15.2																	
Return loss at			5-750 MHz: ≥ 23 dB			Screening attenuation at 30-1000 MHz: ≥ 75 dB			Pulling Tension: 300 N											
												Spools are one piece, but length may vary ±5% from length shown.								
Triax 11 • Solid 1.4 mm Silver-Plated Copper • 90% Silver-Plated Copper Braid • 85% Bare Copper Braid																				
Foam Polyethylene Insulation • Red FRNC/LSNH Jacket																				
	70°C	7784ANH	1000	305	100.1	52.3	1.4mm	0.256	6.50	90% SPC Braid	0.455	11.30	75	81%	16.8	55.0	see above			
							16 AWG										+ 85% BC Braid			
							Solid SPC													
							18.4 Ω/km*													
							11.0 Ω/km**													
Return loss at			5-750 MHz: ≥ 23 dB			Screening attenuation at 30-1000 MHz: ≥ 75 dB			Pulling Tension: 300 N											
												Spools are one piece, but length may vary 0% to +10% from length shown, 1000 m +/- 5%.								
Triax 11 • Stranded (19x0.28) 1.4 mm Silver-Plated Copper • 90% Silver-Plated Copper Braid • 85% Bare Copper Braid																				
Foam Polyethylene Insulation • Red PVC Jacket																				
	70°C	7784AF	1000	305	100.1	47.9	1.4mm	0.256	6.50	90% SPC Braid	0.433	11.00	75	82%	16.5	54.0	1	0.2	0.5	
							17 AWG										+ 85% BC Braid	5	0.3	1.1
							(19x0.28) SPC											10	0.5	1.6
							21.4 Ω/km*											100	1.7	5.6
							14.0 Ω/km**											180	2.4	7.9
	360	3.5	11.5																	
	750	5.2	17.1																	
Return loss at			5-750 MHz: ≥ 23 dB			Screening attenuation at 30-1000 MHz: ≥ 75 dB			Pulling Tension: 270 N											
Flexible												Spools are one piece, but length may vary 0% to +10% from length shown.								
Triax 11 • Solid 1.4 mm Bare Copper • 85% Bare Copper Braid • 80% Bare Copper Braid																				
Foam Polyethylene Insulation • Red PVC Jacket																				
	70°C	7784E	1640	500	173.5	78.7	1.4mm	0.256	6.50	85% BC Braid	0.433	11.00	75	81%	16.8	55.0	1	0.2	0.5	
							16 AWG										+ 80% BC Braid	3	0.2	0.8
							Solid BC											5	0.4	1.3
							18.2 Ω/km*											10	0.5	1.7
							11.2 Ω/km**											100	1.8	5.8
	300	3.2	10.6																	
	750	4.8	15.6																	
Available:			7784ENH - with FRNC/LSNH Jacket			Pulling Tension: 300 N			Spools are one piece, but length may vary ±5% from length shown.											
			7784EPU - with PUR Jacket																	

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • SPC = Silver-Plated Copper



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			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m	
Triax 14 • Stranded (7x0.75) 2.2 mm Silver-Plated Copper • 80% Silver-Plated Copper Braid • 80% Bare Copper Braid																				
Foam Polyethylene Insulation • Red PVC Jacket																				
70°C	7785A		1000	305	157.9	76.2	2.21 mm	0.382	9.70	80% SPC	0.571	14.50	75	82%	16.5	54.0	1	0.1	0.4	
			1640	500	259.0	124.9	12 AWG			Braid								10	0.4	1.3
			1968	600	310.8	149.9	(7x0.75) SPC			+ 80% BC								20	0.5	1.7
							12.1 Ω/km*			Braid								40	0.8	2.5
							5.7 Ω/km**			6.4 Ω/km***								50	0.9	2.8
															60	0.9	3.1			
															100	1.3	4.2			
															300	2.3	7.6			
															1000	4.4	14.3			
			Return loss at		5-850 MHz: ≥ 21 dB					Screening attenuation at 30-1000 MHz: ≥ 75 dB										
										Pulling Tension: 550 N										
										Spools are one piece, but length may vary 305 m 0% to +5%,										
										500 m ±10%, 600 m ±10% from length shown.										
Foam Polyethylene Insulation • Red PVC Jacket																				
70°C	7785ANH		1000	305	157.9	80.3	2.21 mm	0.382	9.70	80% SPC	0.571	14.50	75	82%	16.5	54.0				
			1640	500	259.0	131.6	12 AWG			Braid										
			1968	600	310.8	157.9	(7x0.75) SPC			+ 80% BC										
							12.1 Ω/km*			Braid										
							5.7 Ω/km**			6.4 Ω/km***										
			Return loss at		5-850 MHz: ≥ 21 dB					Screening attenuation at 30-1000 MHz: ≥ 75 dB										
										Pulling Tension: 550 N										
										Spools are one piece, but length may vary 305 m 0% to +5%,										
										500 m ±5%, 600 m 0% to +10% from length shown.										

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • SPC = Silver-Plated Copper