

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 20 AWG (19x0.36) SPC 22.0 Ω/km* 12.0 Ω/km**	0.178	4.52	90% SPC Braid + 80% BC 10.0 Ω/km*** 6.5 mm	0.331	8.40	75	82%	16.5	54.0	1	0.2	0.6
																	10	0.7	2.2
																	20	1.0	3.2
																	40	1.4	4.6
																	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 16 AWG Solid SPC 18.4 Ω/km* 11.0 Ω/km**	0.256	6.50	90% SPC Braid + 85% BC 7.4 Ω/km*** 7.2 mm	0.455	11.30	75	81%	16.8	55.0	1	0.2	0.5
																	10	0.5	1.6
																	20	0.7	2.3
																	40	1.0	3.3
																	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.		

Foam Polyethylene Insulation • Red FRNC/LSNH Jacket

70°C	7784ANH		1000	305	100.1	52.3	1.4mm 16 AWG Solid SPC 18.4 Ω/km* 11.0 Ω/km**	0.256	6.50	90% SPC Braid + 85% BC 7.4 Ω/km*** 7.2 mm	0.455	11.30	75	81%	16.8	55.0	see above		
			1968	600	197.1	102.9													
			3280	1000	328.5	171.5													
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 17 AWG (19x0.28) SPC 21.4 Ω/km* 14.0 Ω/km**	0.256	6.50	90% SPC Braid + 85% BC 7.4 Ω/km*** 7.2 mm	0.433	11.00	75	82%	16.5	54.0	1	0.2	0.5
																	5	0.3	1.1
																	10	0.5	1.6
																	100	1.7	5.6
																	180	2.4	7.9
																	360	3.5	11.5
																	750	5.2	17.1
Flexible																			
Return loss at 5-750 MHz: ≥ 23 dB																	Screening attenuation at 30-1000 MHz: ≥ 75 dB Pulling Tension: 270 N 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 16 AWG Solid BC 18.2 Ω/km* 11.2 Ω/km**	0.256	6.50	85% BC Braid + 80% BC 7.4 Ω/km*** 7.2 mm	0.433	11.00	75	81%	16.8	55.0	1	0.2	0.5
																	3	0.2	0.8
																	5	0.4	1.3
																	10	0.5	1.7
																	100	1.8	5.8
																	300	3.2	10.6
																	750	4.8	15.6
Available: 7784ENH - with FRNC/LSNH Jacket 7784EPU - with PUR Jacket																	Pulling Tension: 300 N Spools are one piece, but length may vary ±5% from length shown.		

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