

### 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
<b>Triax 8 • Stranded (19x0.36) 1.0 mm • Silver-Plated Copper • 90% Silver-Plated Copper Braid • 80% Bare Copper Braid</b>																			
<b>Foam Polyethylene Insulation • Red PVC Jacket</b>																			
70°C	<b>7783AF</b>		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 Braid 10.0 Ω/km*** 6.5 mm	0.331	8.40	75	82%	16.5	54.0	1	0.2	0.6
Return loss at			5-850 MHz: ≥ 21 dB					Spools are one piece, but length may vary 0% to +10% from length shown.											
<b>Triax 11 • Solid 1.4 mm Silver-Plated Copper • 90% Silver-Plated Copper Braid • 85% Bare Copper Braid</b>																			
<b>Foam Polyethylene Insulation • Red PVC Jacket</b>																			
70°C	<b>7784AS</b>		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 Braid 7.4 Ω/km*** 7.2 mm	0.455	11.30	75	81%	16.8	55.0	1	0.2	0.5
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 ±5% from length shown.											
<b>Triax 11 • Solid 1.4 mm Silver-Plated Copper • 90% Silver-Plated Copper Braid • 85% Bare Copper Braid</b>																			
<b>Foam Polyethylene Insulation • Red FRNC/LSNH Jacket</b>																			
70°C	<b>7784ANH</b>		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 Braid 7.4 Ω/km*** 7.2 mm	0.455	11.30	75	81%	16.8	55.0	see above		
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%.											
<b>Triax 11 • Stranded (19x0.28) 1.4 mm Silver-Plated Copper • 90% Silver-Plated Copper Braid • 85% Bare Copper Braid</b>																			
<b>Foam Polyethylene Insulation • Red PVC Jacket</b>																			
70°C	<b>7784AF</b>		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 Braid 7.4 Ω/km*** 7.2 mm	0.433	11.00	75	82%	16.5	54.0	1	0.2	0.5
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.											
Flexible																			
<b>Triax 11 • Solid 1.4 mm Bare Copper • 85% Bare Copper Braid • 80% Bare Copper Braid</b>																			
<b>Foam Polyethylene Insulation • Red PVC Jacket</b>																			
70°C	<b>7784E</b>		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 Braid 7.4 Ω/km*** 7.2 mm	0.433	11.00	75	81%	16.8	55.0	1	0.2	0.5
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

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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	<b>7785A</b>	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	
									10.4 mm						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

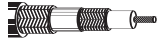
Screening attenuation at 30-1000 MHz: ≥ 75 dB

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	<b>7785ANH</b>	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	see above		
		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***									
									10.4 mm									



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