

# Home Cinema Video Cables


## Multicore 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

**25 AWG • Solid 0.5 mm Tinned Copper • Duobond® • 95 % Tinned Copper Interlocked Serve (Coaxes)**

**FPFA Insulation • Overall Matte Black PVC Jacket**

	HDTV/SDI	NEC:	0.46 mm	0.074	1.88	Duobond®	75	80%	17.0	55.8	1	0.5	1.7					
	Digital Video	CMR	25 AWG			95% TC Serve					5	1.2	3.8					
	60°C	CEC:	Solid TC			17.7 Ω/km***					50	3.7	12.1					
		CMG	129.3 Ω/km*								100	4.9	16.1					
			111.6 Ω/km**								200	6.7	22.0					
											400	9.5	31.2					

Miniature  
0.5/1.9

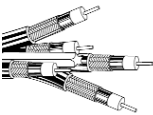
Pulling Tension:

<b>1277R</b>	3 Coax	500	152	25.5	11.6		0.320	8.13										400 N
		1000	305	48.0	21.8													
<b>1278R</b>	4 Coax	250	76	21.8	9.9		0.351	8.92										489 N
		500	152	31.5	14.3													
		1000	305	60.0	27.2													
<b>1279R</b>	5 Coax	500	152	40.5	18.4		0.403	10.24										578 N
		1000	305	80.0	36.3													
<b>1280R</b>	6 Coax	500	152	44.0	20.0		0.423	10.74										601 N
		1000	305	87.0	39.5													

Nominal Delay: 4.068 ns/m  
Color Code: see chart below

**25 AWG • Solid 0.5 mm TC • Duobond® • 95 % TC Interlocked Serve (Coaxes) • Banana Peel® Unjacketed, Bonded to Central Spline**

**Foam HDPE Insulation • PVC Jacket in Colors**

	HDTV/SDI	NEC:	0.46 mm	0.074	1.88	Duobond®	0.114	2.90	75	80%	17.0	55.8						see above
	Digital Video	CMR	25 AWG			95% TC Serve												
	75°C	CEC:	Solid TC			17.7 Ω/km***												
		CMG	129.3 Ω/km*															
			111.6 Ω/km**															

Miniature  
0.5/1.9

Pulling Tension:

<b>1281S3</b>	3 Coax	500	152	17.0	7.7		0.246	6.25										400 N
		1000	305	31.0	14.1													
<b>1281S4</b>	4 Coax	500	152	23.5	10.7		0.275	6.99										489 N
		1000	305	44.0	20.0													
<b>1281S5</b>	5 Coax	250	76	16.0	7.3		0.308	7.82										578 N
		500	152	28.5	12.9													
		1000	305	55.0	24.9													
<b>1281S6</b>	6 Coax	500	152	33.5	15.2		0.342	8.69										601 N
		1000	305	68.0	30.8													

Nominal Delay: 4.068 ns/m  
100% Sweep tested. 5 MHz to 850 MHz. Patent pending.  
Color Code: see chart below

\* DC loop resistance • \*\* DC resistance inner conductor • \*\*\* DC resistance outer conductor • DCR = DC resistance • TC = Tinned Copper  
Duobond® see technical information page 23.13.

**Color Code**

Cond.	Color	Cond.	Color	Cond.	Color
1	Red	3	Blue	5	Black
2	Green	4	Yellow	6	White