

### Introduction

Selection Guide: Shielded Multi-Pair Computer Cables  
RS-232, RS-422, and RS-485 Applications\*

Specifications		Cable Series**													
		9804	8132	9829	8332	9501	8102	9729	8162	9680	8302	8777	9873	9773	
Conductor Size: (AWG)	28	✓	✓												
	24			✓	✓	✓	✓	✓	✓	✓					
	22										✓	✓			
	20												✓		
	18													✓	
Page No.		5.13	5.14	5.16	5.15	5.7	5.17	5.20	5.25	5.9	5.18	5.22	5.23	5.23	
Insulation:	S-R PVC				✓	✓					✓				
	Polyethylene			✓						✓		✓	✓		
	Polypropylene	✓										✓			
	Datalene®†		✓				✓	✓	✓						
Shield:	Overall Foil					✓				✓					
	Individual Foil							✓	✓			✓	✓	✓	
	Overall Foil/Braid	✓	✓	✓	✓		✓		✓		✓				
	Braid Coverage	90%	65%	65%	65%		65%		65%		65%				
Drain Wire:	(see key below)	●	●	●	×	●	●	▲	▲	●	×	▲	▲	▲	
No. of Pairs Available:	1					✓									
	2	✓	✓	✓	✓	✓	✓	✓	✓		✓				
	3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	5	✓	✓	✓	✓	✓	✓		✓		✓				
	6			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	7	✓		✓	✓	✓	✓		✓		✓				
	8		✓			✓	✓		✓		✓				
	9	✓		✓		✓		✓		✓		✓	✓	✓	
	10			✓	✓	✓	✓		✓		✓				
	11							✓				✓	✓		
	12	✓		✓				✓				✓	✓	✓	
	12.5		✓		✓		✓			✓	✓				
	13	✓													
	15				✓	✓	✓	✓	✓		✓	✓	✓	✓	
	17							✓				✓			
	18	✓	✓	✓	✓		✓		✓		✓				
	19					✓		✓				✓			
	25	✓	✓	✓	✓	✓	✓		✓		✓				
	27							✓				✓			
31	✓											✓			
37													✓		
50					✓										
Capacitance †† (pF/m)		50.8	36.1	50.8	98.4	98.4	41.0	41.0	41.0	50.8	114.8	98.4	98.4	98.4	

S-R = Semi-Rigid

\* Refer to specifications for recommendations.

\*\* All cables are UL-listed.

† Foam high density polyethylene.

†† Capacitance may vary on some cables.

Drain Wire Key:

● = Drain wire overall.

▲ = Drain wire each pair.

× = No drain wire.