

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	9990	9841	9680	9302*	8302	8777	9873	9773
Conductor Size: (AWG)	28	✓	✓														
	24			✓	✓	✓	✓	✓	✓	✓	✓	✓					
	22												✓	✓	✓		
	20															✓	
	18																✓
Page No.		5.26	5.27	5.30	5.29	5.11	5.31	5.35	5.44	5.37	5.28	5.15	5.17	5.32	5.40	5.42	5.42
Insulation:	S-R PVC				✓	✓								✓			
	Polyethylene			✓						✓	✓	✓				✓	✓
	Polypropylene	✓													✓		
	Datalene®†		✓				✓	✓	✓								
Shield:	Overall Foil					✓						✓	✓				
	Individual Foil							✓	✓	✓					✓	✓	✓
	Overall Foil/Braid	✓	✓	✓	✓		✓		✓		✓			✓			
	Braid Coverage	90%	65%	65%	65%		65%		65%		90%			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/ft.)		15.5	11.0	15.5	30.0	30.0	12.5	12.5	12.5	25.0	12.8	15.5	35.0	35.0	30.0	30.0	30.0

S-R = Semi-rigid

*Refer to specifications for recommendations.

**All cables are UL-listed.

† Foam high density polyethylene.

†† Capacitance may vary on some cables.

• Standard PVC Insulation, solid conductors.

Drain Wire Key:

● = Drain wire overall.

▲ = Drain wire each pair.

× = No drain wire.

