Introduction

Multi Applications Demand Multiple Choice

When the applications are many and the systems different, cable flexibility is vital. Choice means the ability to meet every requirement and every contingency, because every system has different requirements.

Belden's multi-conductor cables meet the technical requirements of many different types of systems. In fact, Belden offers one of the broadest lines of UL-Listed, NEC and CEC multi-conductor cables available from any single source.

Key Applications

- Computers
- Communications
- Instrumentation
- Sound
- Control
- Audio
- Data transmission

Special Features

- Belden multi-conductor cables are offered in many variations including plenum and high-temperature versions. Variations include:
  - Gage sizes
  - Dimensions
  - Insulation materials
  - Shielding configurations
  - Jacketing materials
- Each cable is designed to protect signal integrity under critical conditions by reducing hum, noise, and crosstalk.
- Belden's unique UnReel® cable dispenser is available for many of the multi-conductor products listed in this section. The letter "U" before the specified put-up length denotes UnReel® packaging.
- Extended temperature and chemical resistant cable range: a broad range of cables suitable for application in the temperature range from -100°C up to +1550°C.

Availability

Most of our multi-conductor cables are available from stock. Many of these are available off the shelf from distributors. If you have a new or unusual application or you cannot find a multi-conductor cable in this catalog section that meets your technical requirements, see our U.S. Master Catalog or contact technical support at +31-77-3875-414 or techsupport.venlo@belden.com.

Selection Guide: Shielded Multi-Conductor Computer Cables for RS-232 Applications

Specifications			Cable Series* 9925	9608	9533	9939
Conductor Size: (AWG)		28				
		24	✓	✓	✓	
		22				✓
		20				
		18				
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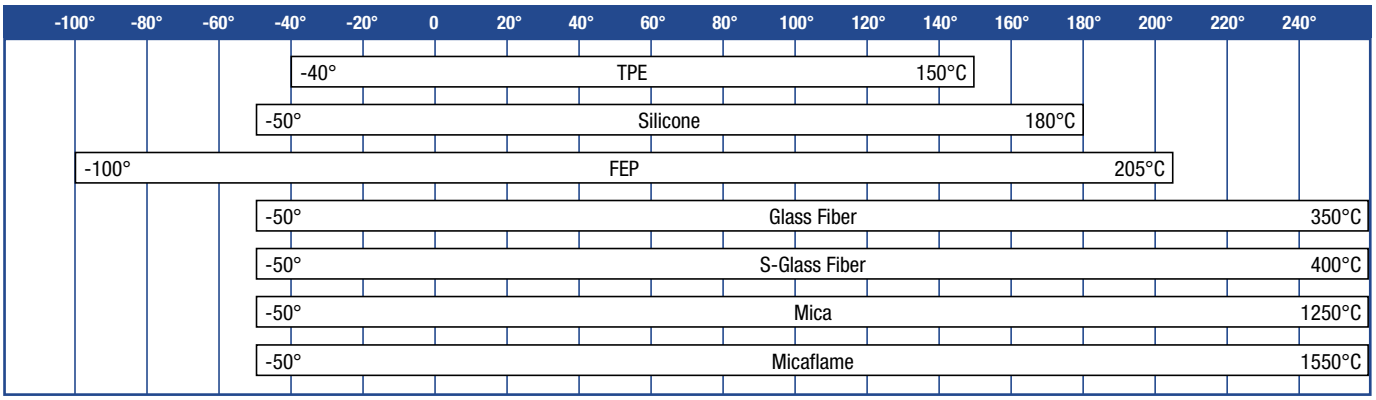
Insulation:	S-R PVC			✓	✓	✓
	Polyethylene					
	Polypropylene					
	Datalene®†		✓			
Shield:	Overall Foil				✓	
	Drain Wire		✓		✓	
	Overall Foil/Braid		✓	✓		✓
	Braid Coverage		65%	65%		65%
Drain Wire Overall:			Yes	No	Yes	No
No. of Cond. Available:		1				
		2				
		3	✓	✓	✓	✓
		4	✓	✓	✓	✓
		5	✓	✓	✓	✓
		6	✓	✓	✓	✓
		7	✓	✓	✓	✓
		8	✓	✓	✓	✓
		9	✓	✓	✓	✓
		10	✓	✓	✓	✓
		11				
		12				
		13				
		15	✓	✓	✓	✓
		17				
		18				
		19				
		20			✓	
		25	✓	✓	✓	✓
		27				
		30			✓	
		31				
		37	✓	✓		✓
		40			✓	
		50		✓	✓	✓
Capacitance** (pF/m)			39.4	98.4	98.4	114.8

* All cables are UL-Listed.
** Capacitance may vary on some cables.
† Foam high density polyethylene.

Introduction

To assist you in selecting the proper cable for your application, both the suggested working voltages and the maximum temperature ratings are indicated for each applicable product in this section.

Extended Temperature and Chemical Resistant Cable Range
Nominal Temperature Operating Ranges (°C)



Index by Voltage and Temperature Rating