



## Belden Style Multi-pair Overall Foil/Braid Screened Cable

**Product Type:**  
Belden Style Cable

**Application:**  
Cable used for RS485 applications.

**Standards:**  
REACH & RoHS Compliant

**Construction:**

Conductor:	Stranded Tinned Copper
Insulation:	Polyethylene
Screen:	Overall Aluminised Polyester Tape
Drain Wire:	Stranded Tinned Copper wire applied longitudinally between the aluminium side of the foil and the braid.
Braid:	Overall tinned copper braid
Sheath:	PVC - Grey LSF(flame retardant PVC) – Grey

**Physical Characteristics:**

Our Part Number	Equivalent Belden Type	No. of Pairs	Conductor (AWG)	Drain Wire (AWG)	Pair Colour	Sheath Colour	Overall Diameter (mm)	Weight (Kg/Km)
B0025L***	9841	1	24 (7/0.2mm)	24 (7/0.2mm)	1 White/Blue, 2 Blue/White	Grey LSF	5.8	54
6001072	9842	2	24 (7/0.2mm)	24 (7/0.2mm)	1 White/Blue, With Blue/White 2 White/Orange with Orange/White.	Grey PVC	8.6	93

**Note:** \*\*\* refers to the length, in metres.



Suppliers of Quality Assured Cables

#### Electrical Characteristics:

Belden Type	Nominal Conductor Resistance @ 20°C	Nominal Velocity Of Propagation %	Nominal Capacitance Core to Core (pF/m)	Nominal Capacitance Core to Screen (pF/m)	Voltage Rating
9841	84.8	66	42	75	300V – RMS
9842	84.8	66	42	75	300V – RMS

#### Environmental Characteristics:

Operating Temperature Range: -20 °C to +60 °C