

# **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.

Datasheet Ref: Belden Style Multipair Overall Foil - Braid Screened Cable

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# **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

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