

## CSE BMS 600V Rated Cable

Twisted pair cables are available as screened and unscreened and can be used for popular Building Management Systems Applications. Screened cables have twisted pairs wrapped in an aluminium polyester tape with a tinned copper drain wire. These cables feature a flame retardant halogen free sheath and have a 600V rating. The cable is stocked in 500m reels and can be cut to order. We stock other types of 600V rated Belden equivalent cables.

	TP/1/22/HF600	TP/2/22/HF600
Belden Equivalent	8761NH	8723NH
<b>Cable Construction</b>		
<b>Stranded Tinned Copper:</b>	1 Pair	2 Pairs
<b>AWG:</b>	22	22
<b>Construction:</b>	T0.25 ± 0.005 x 7	T0.25 ± 0.008 x 7
<b>Stranded Dia. (±0.05mm):</b>	0.77	0.76
<b>Insulation:</b>	HDPE	HDPE
<b>Thickness:</b>	0.41	0.2
<b>Insulation Dia.(±0.1mm):</b>	1.60	1.20
<b>Insulation Colour:</b>	Natural/black	Red/black; green/white
<b>Shield:</b>	AL/PET	AL/PET
<b>Construction:</b>	Each pair is twisted with 1 AL-PET 100% screening	Each pair is twisted individual aluminium foil Polyester Tape Screen
<b>Drain Wire:</b>	Stranded Tinned Copper	Stranded Tinned Copper
<b>AWG:</b>	22	24
<b>Construction:</b>	T0.25 ± 0.005 x 7	T0.20 ± 0.008 x 7
<b>Jacket:</b>	LSHF	LSHF
<b>Thickness (mm):</b>	0.6            0.45	
<b>Diam. (±0.15mm):</b>	4.50	4.20
<b>Jacket Colour:</b>	Grey	Grey
<b>Ordering:</b>	500M wooden drum or cut to length	500M wooden drum or cut to length

### Electrical Characteristics

<b>Maximum Conductor DC Resistance at 20°C (Ω/Km):</b>	<54.2	<55.2
<b>Rated Temperature:</b>	70°C	70°C
<b>Operating Voltage:</b>	600V	600V
<b>20°C Insulation Resistance (M.Ω. KM):</b>	>200	>200
<b>Nominal Capacitance (PF/M; 10%):</b>	80	115
<b>Nominal Velocity ratio:</b>	66%	66%
<b>Nominal Impedance (Ω):</b>	64	45

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