

BELDEN ALTERNATIVE - 81 RANGE



Belden Alternative power cables serve as the foundation for industrial setups, facilitating signal and power transmission within cable trays and enclosures. These cables adhere to rigorous standards, ensuring high-speed and high-quality end-to-end data transmission across various communication technology applications. They cover a wide range of industries including automation & process control, power generation, and data centres. With a focus on meeting Electronic Industries Alliance (EIA) standards, Belden equivalent cables are engineered to support high-speed data transmission, offering scalability to accommodate different project sizes. Reliable data transmission is crucial for businesses, underscoring the importance of installing top-quality cables for seamless operations.

CONDUCTOR	Tinned Copper
STRANDING	Class 2
INSULATION	Cel-PE
COLLECTIVE SCREEN	Collective Aluminium Mylar
ARMOUR	Tinned Copper Wire Braid
OUTERSHEATH	PVC
OUTERSHEATH COLOUR	Grey
RATED VOLTAGE	300V
CORE IDENTIFICATION	Pair 1: White/Blue, Blue/White Pair 2: White/Orange, Orange/White Pair 3: White/Green, Green/White Pair 4: White/Brown, Brown/White Pair 5: White/Grey, Grey/White Pair 6: Red/Blue, Red/Blue
OPERATING TEMPERATURE	80°C

SPECIFICATION DATA

BATT Part No	Belden Reference	No. or Pairs	AWG No. of Strands	Approx overall diameter	Weight
91250	8132	2	28 AWG	5.6	47
91163	8102	2	24 AWG	6.9	33
91075	8104	4	24 AWG	7.9	66
91147	8106	6	24 AWG	8.7	98
91320	8162	2	24 AWG	8.9	92
91150	8163	3	24 AWG	9.3	105

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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