

M12 Power AWG 14 Angled Shielded Cordset

Shielded Connector Delivering
High Power Output

PRODUCT BULLETIN

The Belden M12 Power AWG 14 Angled Shielded Cordset features a compact design with thicker wire and 360-degree shielding for reduced voltage drop and reliable, long-distance power transmission.

- **Highest power output in the market**, rated at 24 amps at room temperature, with the capability to distribute power at temperatures up to 125° C.
- **Electromagnetic compatibility** (EMC) shielding to prevent electromagnetic interference and signal disruptions.
- **Simplified installation** with a compact, angled, chuted and overmolded design optimized for industrial environments and tight spaces.



The innovative M12 Power AWG 14 Angled Shielded Cordset delivers power over long distances and up to 125°C – surpassing all other options in the market today. A full range of K, L, S and T connector variants is available.

Key Features

- Complete portfolio of K, L, S and T coded receptacles, cordsets, splitters, and field-attachable variants to meet the full spectrum of industrial and automation requirements.
- Extreme reliability with high mechanical, chemical, ingress and climate resistance for use in harsh industrial environments.
- IP67 protection and alignment with various international standards.
- Enhanced safety, reduced risks and improved uptime through minimizing power loss caused by rising temperatures and long distances.
- High reliability and durability and low maintenance requirements for low long-term cost of ownership.

Your Benefits

As industrial environments pursue digital transformation, they need to connect and supply power to more devices. Rising temperatures can disrupt power flow, leading to unwanted downtime, safety risks and diminished operational efficiency. The Belden M12 Power AWG 14 Angled Shielded Cordset overcomes these challenges with a compact design and advanced shielding to promote reliable power delivery at higher temperatures and over longer distances. With the M12 Power AWG 14 Angled Shielded Cordset, organizations can run complex, future-ready networks that meet the connectivity and data demands of Industry 4.0.

Applications

Part of Belden's premier M12 Power family of connectivity products, the M12 Power AWG 14 Angled Shielded Cordset is well suited to a range of industrial applications. In automation settings and environments with complex robotics, reliable, long-distance power delivery with no drop in voltage is essential. The M12 Power AWG 14 Angled Shielded Cordset features thicker wires that support high current distribution with less power loss.

Markets

The M12 Power AWG 14 Angled Shielded Cordset meets the high power transmission demands of varied manufacturing environments, including the consumer packaged goods, machine building and automotive sectors. Additionally, the connector is ideal for use in the oil and gas, power transmission and distribution, wind power, transportation, and mass transit industries.



RKWTH 4S



RKWTH 4T



RSWTH 4S



RSWTH 4T



RKWTH 5K



RKWTH 5L



RSWTH 5K



RSWTH 5L