



World Wire Cables  
Cable Solutions

# What Makes EMC Cables Essential for Your Machinery?



Clear signal transmission is vital for modern machinery to operate correctly. Any disruption can lead to errors, downtime, and costly repairs. This is where specialised cabling comes into play, ensuring that electrical interference does not compromise performance. The right cable solution protects your equipment and keeps operations running smoothly.

At World Wire Cables, we are passionate about providing high-quality solutions for these exact challenges. Our **EMC cables** are designed to offer superior protection and reliability. But what exactly makes them so effective, and why are they the perfect choice for your needs? Let's see.

## Key Features That Make a Difference

The design and materials of an EMC cable are what give it its protective qualities. It's not just any ordinary wire; it is a highly engineered product. We have poured our expertise into creating a cable that you can count on every single time. Here are some of the standout features of our EMC cables:

- **Flexible Copper Conductor:** The core of the cable is made from 300/500V flexible copper. This provides excellent conductivity for your signals while allowing for easy installation, even in tight or complex spaces.
- **Durable Insulation and Sheathing:** We use PVC V-75 for insulation and PVC 4V-75 for the outer sheath. This combination offers fantastic protection against physical wear and tear, chemicals, and moisture.
- **Tinned Copper Braid Screen:** This is the secret to superior EMI protection. The tinned copper braid acts as a shield, effectively blocking external interference and containing the cable's own emissions.
- **Clear Identification:** The cables feature a black core with white numbering, making identification and connection straightforward during installation and maintenance.
- **Transparent Sheath:** A transparent outer sheath allows for easy inspection of the underlying braid, ensuring its integrity has not been compromised.

# Why Choose World Wire Cables?

Our EMC cables are designed to meet the highest standards, ensuring your equipment is protected from the damaging effects of electromagnetic interference. We are confident that once you experience the performance and durability of our products, you will not look back. Are you ready to give your machinery the protection it deserves? Get in touch now!



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