

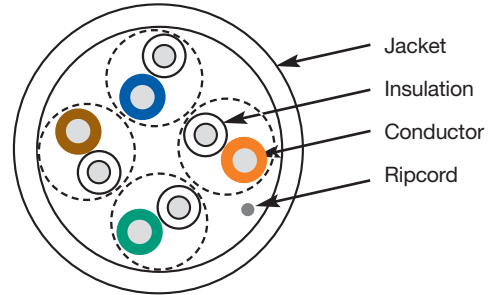
Special Applications
Spectrum™

New Product

Low Skew Video Twisted Pair Cable

With fast growing applications such as digital signage and in-studio video monitoring becoming mainstream, Mohawk has developed an unshielded twisted pair cable as an alternative to coax for RGB (Red,Green,Blue) or component style video broadcasts. The cable consists of a standard "Category" style design using four twisted pairs under one jacket. This allows the cables to be smaller than the standard style coax type cables that have been traditionally used for RGB applications.

The primary benefit is the cable's built-in "low-skew." Skew is defined as the difference in signal delay between any pairs in the same cable. This cable has a skew of **2.2ns/100m**. This means that all parts of the image being transmitted along the separate pairs of cable will arrive within 2.2 nanoseconds of each other, ensuring the clearest image on the receiving monitor. The lower the skew, the longer the lengths of cable that can carry the video transmission before experiencing some form of degradation of the image. The cable can transmit component type video on lengths of up to **2,000 ft.**



Applications

- Retail Signage
- Supermarkets
- Education
- Government
- Hospitality
- Transportation

Mohawk Part No.	Cable Type	Dielectric Type	Jacket Type Diameter		Weight		Listings
			inch	mm	lbs/M'	kg/km	
M58813 Non-Plenum	4 PAIR 24 AWG UTP	Thermoplastic	.190	4.8	20	30	C(ETL)US CMR
M58814 Plenum	4 PAIR 24 AWG UTP	Dual Insulation** FEP on all 4 pairs	.185	4.7	23	34	C(ETL)US CMP

*Plenum rated Thermoplastic. **US Patent No. 5,563,377. For pair colors see chart A on page 64. Custom colors available; please consult the factory.

