

## ETHERNET CABLE

Part No. 3306

Mogami Ethernet Cable is specifically designed for demanding mobile applications. It is flexible enough to lay flat on a floor, yet rugged enough for reliable performance—even with the frequent set ups needed in live sound and commercial venues. Fully meets TIA/EIA-568B Category 5e performance characteristics.



### ELECTRICAL & MECHANICAL CHARACTERISTICS

(Measured Value on an average for a length of 100 m at 100 MHz)

|                                  |       |
|----------------------------------|-------|
| Nominal Characteristic Impedance | 100 Ω |
| Attenuation                      | 24dB  |
| Return Loss                      | 22dB  |
| Propagation Delay                | 480ns |
| Delay Skew                       | 5ns   |
| NEXT                             | 44dB  |
| PS NEXT                          | 44dB  |
| ELFEXT                           | 33dB  |
| PS ELFEXT                        | 32dB  |

|                                     |              |
|-------------------------------------|--------------|
| Tensile Strength connector to cable | Minimum 300N |
| Tensile Strength of cable itself    | Minimum 700N |

|                         |                                    |
|-------------------------|------------------------------------|
| Overall Diameter        | 9.2mm (0.362")                     |
| Overall Jacket Material | PVC                                |
| Color                   | Black                              |
| Weight per 100 m Roll   | 8.3 Kg                             |
| Standard                | UL758 Style 20124<br>60°C 30V VW-1 |

### COMBINATION OF TWISTED PAIR COLORS AND COMMENDED WIRING DIAGRAM

| COLOR COMBINATION OF A PAIR | PIN NUMBER OF RJ45 |
|-----------------------------|--------------------|
| White/Green                 | 1, 2               |
| Blue/Grey                   | 3, 6               |
| Yellow/Orange               | 4, 5               |
| Natural/Brown               | 7, 8               |



3306-TB

Tube set for both ends

This cable is available in complete assemblies, wired for straight or cross connection format. Please specify which format when ordering. Bulk cable is also available in lengths up to 300m (1,000 Ft). Factory assemblies carry a one year warranty against failure. Service outside of warranty is available from the factory at nominal cost.