

### FOIL SHIELD & DRAIN WIRE

Features a high quality aluminum foil shield which protects against interference and crosstalk between cables as well as a CCD drain wire for proper shielded termination.

### HIGH QUALITY TWISTED PAIRS

Twisted pair data cable with 4 pairs of stranded conductors plus drain wire provide a solid foundation for any commercial or home network. Supports speeds of up to 10 Gigabit Ethernet. The stranded conductors increase the flexibility of the cable but decrease the maximum length for a single cable run.

### **Applications:**

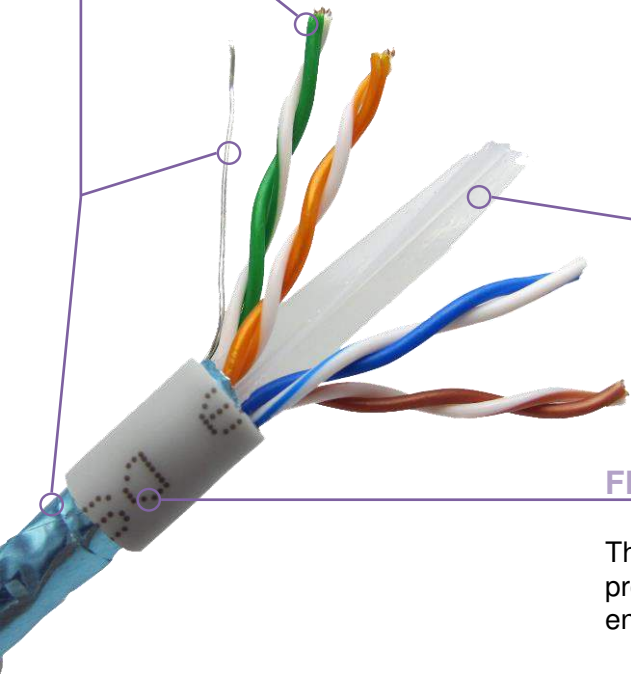
100 BaseT4  
100 BaseTX  
1000BaseT (Gigabit Ethernet)  
155mbps ATM  
622MBps ATM  
HDBaseT  
100BaseVG ANYLAN  
NTSC/PAL  
Component/Composite Video  
AES/EBU  
Digital Video  
RS-422  
250 MHz Category 6

### INTERNAL SEPARATOR

4-way separator, keeps pairs from rubbing against each other while preventing crosstalk between them.

### FLEXIBLE PVC JACKET

The Cat6 wire comes complete with a matte PVC jacket that protects the interior workings of the cable from the harsh environment. Including crosstalk between cables.



Product specifications may change without prior notification

## Configuration



### Product

Part number IO-E4242S-6CMR-1000B  
 Number of Conductors 8 (4 Twisted Pairs) plus drain wire

### Conductors

Details Bare Copper  
 Size 24 AWG  
 OD 7\*0.12mm

### Insulation

Material HDPE  
 Thickness 0.62mm  
 OD 0.88-0.90mm  
 Colors White/Orange, Orange, White/Green, Blue, White/Blue, Green, White/Brown, Brown

### Shields

Transparent Paper, Aluminum Foil

### Drain Wire

0.40mm CCA

### Flammability Grade

CMX, CM, CMR

### Jacket

O.D. 6.0+/-0.2mm  
 Material PVC  
 Color Blue  
 Thickness 0.6-0.65mm

### Electrical and Mechanical

#### Characteristics

DC Resistance (Max.) 9.5Ω/100m  
 Working Capacitance (Max.) 5.4nF/100m  
 Insulation Resistance 10000MΩ.km  
 Transmission Velocity 65%  
 Operating Temperature -20°C ~ +75°C (-4°F ~ +167°F)

## PART NUMBER BREAKDOWN:

IO-E4261S-5ECMR-1000B  
 E FOR ETHERNET

IO-E4261S-5ECMR-1000B  
 4 TWISTED PAIRS

IO-E4261S-5ECMR-1000B  
 AWG

IO-E4261S-5ECMR-1000B  
 1 FOR SOLID OR 2 FOR STRANDED

IO-E4261S-5ECMR-1000B  
 SHIELDED

IO-E4261S-5ECMR-1000B  
 5E OR 6 FOR CAT 5E OR CAT6

IO-E4261S-5ECMR-1000B  
 CM FOR INWALL RATING OR P FOR PLENUM

IO-E4261S-5ECMR-1000B  
 LENGTH IN FEET

IO-E4261S-5ECMR-1000B  
 B FOR BOX

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