

### FOIL SHIELD & DRAIN WIRE

Shielded to provide protection against electromagnetic interference and crosstalk between cables and also fitted with Copper Clad Aluminum Drain wire for proper shielded termination. Perfect for noisy environments.

### HIGH QUALITY TWISTED PAIRS

Twisted pair data cable with 4 pairs of solid conductors plus drain wire provide a solid foundation for any commercial or home network. Supports speeds of up to Gigabit Ethernet. The solid conductors allow for longer maximum cable runs but decrease flexibility.

### **Applications:**

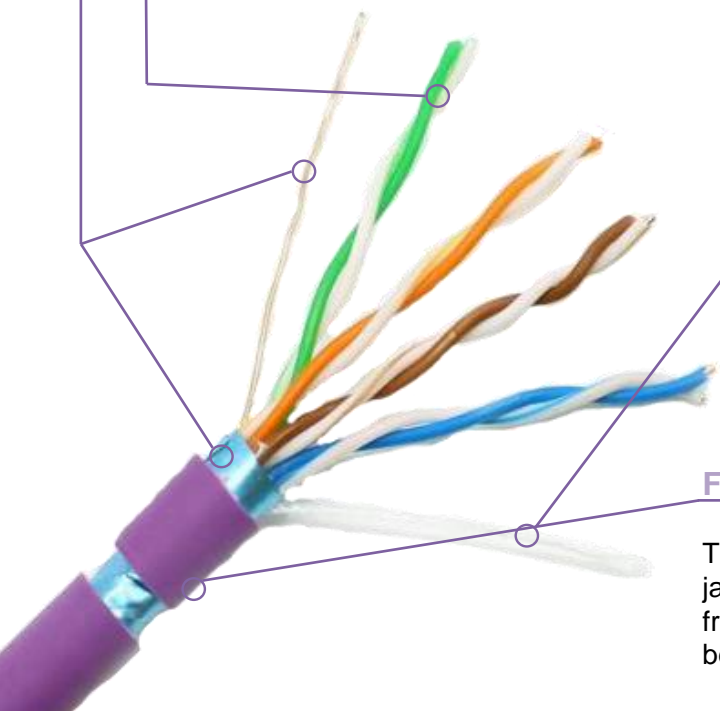
- 100 BaseT4
- 100 BaseTX
- 1000BaseT (Gigabit Ethernet)
- 155mbps ATM
- 622MBps ATM
- HDBaseT
- 100BaseVG ANYLAN
- NTSC/PAL
- Component/Composite Video
- AES/EBU
- Digital Video
- RS-422
- Noisy Environments
- 100 MHz Category 5e

### RIPCORD

The ripcord allows the user to pull back the cable jacket without risking cutting the conductors inside.

### FLEXIBLE PVC JACKET

The Cat5e 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-E4261S-5ECMR-1000B  
 Number of Conductors 8 (4 Twisted Pairs) plus drain wire

### Conductors

Details Bare Copper  
 Size 26 AWG  
 OD 7\*0.12mm

### Insulation

Material HDPE  
 Thickness 0.55mm  
 OD 0.88+/-0.01mm  
 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. 5.2+/-0.02mm  
 Material PVC  
 Color Black  
 Thickness 0.6-0.65mm

### Electrical and Mechanical

#### Characteristics

DC Resistance (Max.) 9.5Ω/100m  
 Working Capacitance (Max.) 5.4nF/100m  
 Insulation Resistance 10,000MΩ.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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