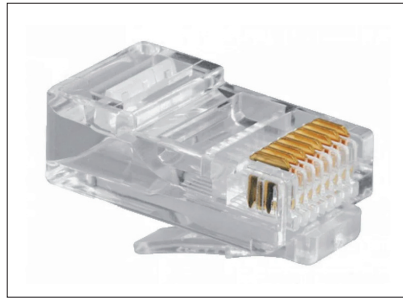
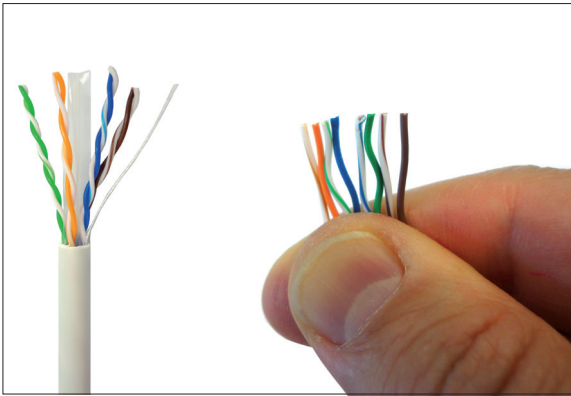


# CMR-045 (8252) RJ45 KEYSTONE CAT6 UTP MALE RJ45 KEYSTONE MALE CONNECTOR

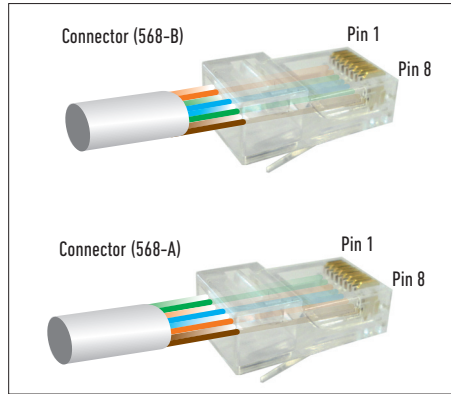


## UTP CABLE PREPARATION AND INSERTION INTO CONNECTOR CMR-045



Stripping and cutting the cable to the right length

(Note) The pairs of wires should remain twisted for as long as possible and should be untwisted to the correct length. This is because twisting is precisely what prevents interference or keeps it to a minimum.



Respect the order of the coloured wires of the cable (see table).  
Insert the wires all the way into the connector



Crimp the connector and make sure that it is securely fastened.

## Colour coding for network cables with RJ45 connectors

568-B ... 568-B		
Same colour coding on both ends of the cable		
Connector 1 (568-B)	N° Pin	Connector 2 (568-B)
White/Orange	Pin 1 a Pin 1	White/Orange
Orange	Pin 2 a Pin 2	Orange
White/Green	Pin 3 a Pin 3	White/Green
Blue	Pin 4 a Pin 4	Blue
White/Blue	Pin 5 a Pin 5	White/Blue
Green	Pin 6 a Pin 6	Green
White/Brown	Pin 7 a Pin 7	White/Brown
Brown	Pin 8 a Pin 8	Brown

The RJ45 connector pin downwards and from left (Pin 1) to right (Pin 8)

568-A ... 568-A		
Same colour coding on both ends of the cable		
Connector 1 (568-A)	N° Pin	Connector 2 (568-A)
White/Green	Pin 1 a Pin 1	White/Green
Green	Pin 2 a Pin 2	Green
White/Orange	Pin 3 a Pin 3	White/Orange
Blue	Pin 4 a Pin 4	Azul
White/Blue	Pin 5 a Pin 5	Blanco/Azul
Orange	Pin 6 a Pin 6	Orange
White/Brown	Pin 7 a Pin 7	White/Brown
Brown	Pin 8 a Pin 8	Brown

The RJ45 connector pin downwards and from left (Pin 1) to right (Pin 8)

568-B ... 568-A		
Different colour coding at each end of the cable		
Connector 1 (568-B)	N° Pin	Connector 2 (568-A)
White/Orange	Pin 1 a Pin 3	White/Green
Orange	Pin 2 a Pin 6	Green
White/Green	Pin 3 a Pin 1	White/Orange
Blue	Pin 4 a Pin 4	Blue
White/Blue	Pin 5 a Pin 5	White/Blue
Green	Pin 6 a Pin 2	Orange
White/Brown	Pin 7 a Pin 7	White/Brown
Brown	Pin 8 a Pin 8	Brown

The RJ45 connector pin downwards and from left (Pin 1) to right (Pin 8)