



# TCS Choice Copper

## COPPER PATCH CABLES



Soft Molded Boot

Easy grip for installation and removal unlike other brands' inflexible slide-on boots

100% Pure Copper Wire

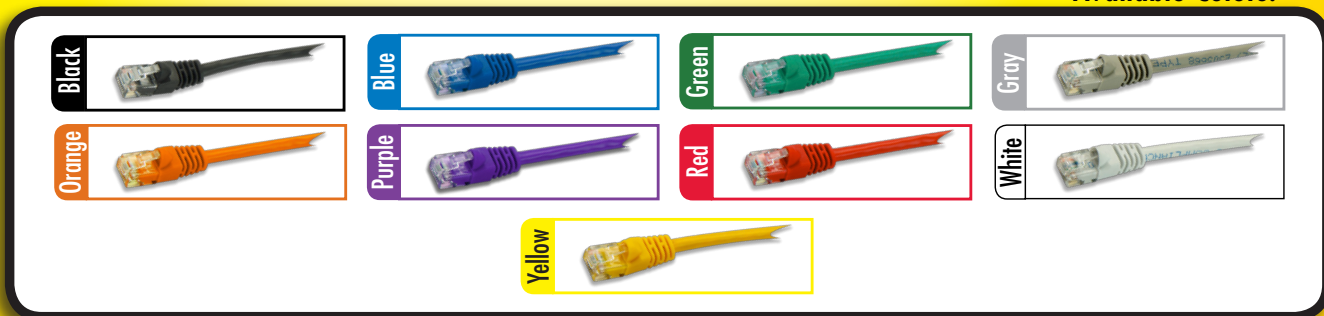
50 micron gold-plated, Never aluminum like other brands' economy cables

Budget Friendly

Economical patch cord for basic applications

# CAT 6 5e CAT

Available Colors:



### Industry Standard

ISO/IEC 11801  
ETL Verified to TIA/EIA-568-C.2-1  
RoHs Compliant

### Construction

Conductor Construction Bare Stranded Copper  
Conductor Size 24AWG x 4 Pair  
Insulation PE  
Separator PE Cross - **CAT 6**  
None - **CAT 5e**  
Jacket 70P PVC  
Outer Diameter 6.2mm - **CAT 6**  
5.3mm - **CAT 5e**  
Connectors RJ45 Male 50 micron gold-plated

### Performance

Conductor Resistance 9.38  $\Omega$ /100m max  
Before Tensile Strength Insulation: 16.5MPa Jacket: 13.8MPa  
Before Aging Elongation (%) Insulation: 300% Jacket: 100%  
Aging Condition (°C) Insulation: 100 $\pm$ 1°C/2days Jacket: 100 $\pm$ 1°C/10days  
After Tensile Strength Insulation: 75% Jacket: 85%  
After Aging Elongation Insulation: 75% Jacket: 50%  
Cold Bend (-20°C $\pm$ 2x4hrs) Insulation: No Crack Jacket: No Crack  
Heat Shock (121°C $\pm$ 1x1hrs) Insulation: No Crack Jacket: No Crack  
Tested to: **CAT 5e: 350 MHz** **CAT 6: 500 MHz**