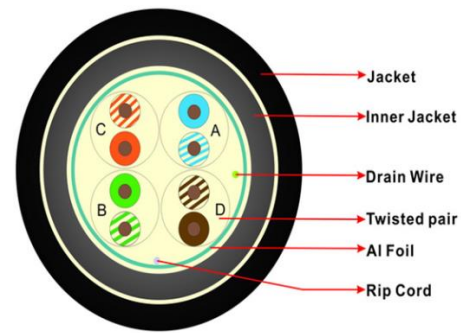


# WISP Cable PRO

## Outdoor CAT5E for WISPs



### DOUBLE JACKET



#### GENERAL DESCRIPTION

Part #: WCPRODJ  
 OUTDOOR CAT5e SHIELDED 4Pair UTP 24AWG  
 Solid Bare Copper UV RATED Jacket 1000ft  
 Test Standard - Fluke Test Passed  
 Reference Standard EIA/TIA 568 & ISO/IEC 11801

#### FEATURES

High-Performance Data Cable  
 Outdoor UV Rated Jacket CAT5E  
 AL Foil With Drain Wire Mylar Shielded  
 24 AWG Solid Bare Copper  
 TIA/EIA-568B.2, ISO/IEC 11801

#### APPLICATIONS

IEEE 802.3: 1000Base-T; 100Base-T; 10Base-T  
 IEEE 802.5: 4/6 Mbps Token Ring  
 Structure Cabling ,155Mbps ATM , ISDN  
 Outdoor - Waterproof - UV Protected  
 Gigabit Ethernet

#### PACKAGING

Wooden Spool In Cardboard Box



#### SPECIFICATIONS

##### Conductor

Material 24 AWG Bare 100% Copper  
 Diameter 4×2×1/0.51±0.01mm

##### Insulation

Material HDPE  
 Thickness PE 0.21 mm ± 0.01 mm  
 Diameter 0.9 mm ± 0.01 mm

##### Shielding

Material AL Foil + PE Tape  
 Drain wire 0.4 mm Tinned Copper

##### Outer Jacket

Thickness LDPE Jacket (UV) 0.65 mm ± 0.01 mm  
 Outer Diameter 6.5 mm ± 0.1mm  
 Color Black  
 Markings Meters

##### Mechanical Properties

Rated Temperature Range -40C ~ +75C  
 Cable Bend Radius ≥ 4xOD (without load)

##### Electrical Properties

DC resistance Max 9.38 Ω / 100 m at 20 °C  
 Insulation Resistance 5000mΩ/km  
 Resistance unbalance Max 5 % at 20 °C  
 Mutual capacitance Max 5.6 nf / 100 m at 1kHz  
 Cap. unbalance to ground Max 330 pf / 100 m at 1kHz  
 Nominal velocity of propagation 67%  
 Propagation delay ≤ 535 ns / 100 m  
 Delay skew ≤ 45ns / 100 m