

**SKU: C6-UV-305/100**

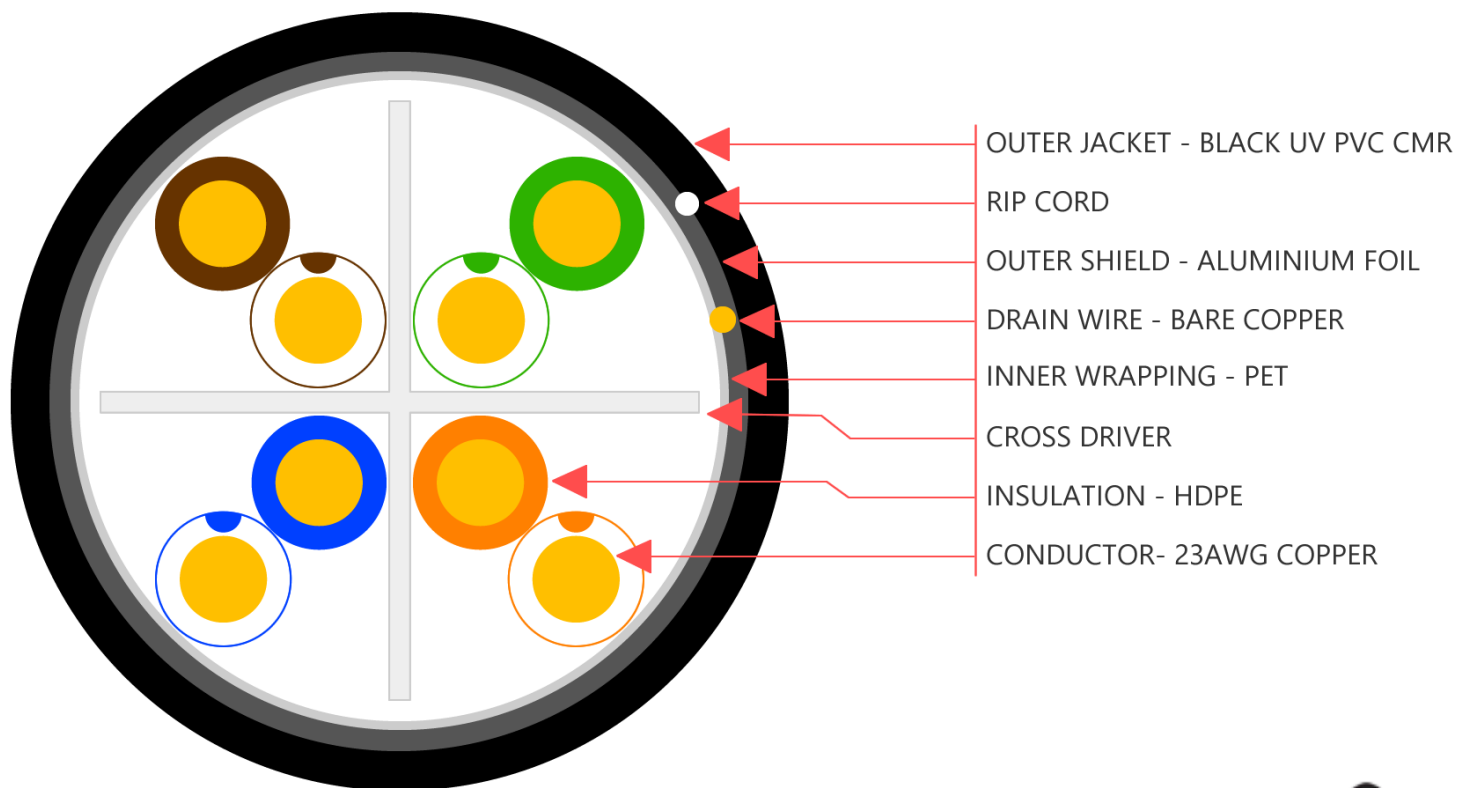
**Wildcat Category 6 Outdoor F/UTP Ethernet Cable**

- Industrial grade, suitable for WISP & Microwave applications
- Tough, thick black UV-stable outer jacket
- 1000BASE-T Certified Category 6
- F/UTP foil over unshielded twisted pair
- Certified for both indoor & outdoor installations
- 23AWG Bare Copper, crosstalk divider, rip cord, drain wire.

Protect your network from electronic static discharge, reduce system noise, and improve long distance performance with Telco WildCat Category 6 F/UTP Ethernet cables. The Wildcat series have been developed specifically for outdoor microwave and point to point/multipoint networking in mind. Heavily shielded from EMI/ESD and sporting a thick outdoor jacket (7.4mm OD), the cable series is designed for installation in exposed and harsh environments, as well as electrically-noisy indoor environments.



See below for electrical & mechanical specification data.



Electrical Specifications		Standards Compliance
Impedance:	100Ω	10BASE-T
Conductor Resistance:	70Ω/km	100BASE-T
Insulation Resistance:	100MΩ/km	100BASE-T4
Resistance Unbalance:	4.5%	1000BASE-T
Mutual Capacitance:	5.6nF/100m @ 1kHz	ATM-25
Capacitance Unbalance:	<330pF/100m @ 1kHz	ATM-51
Velocity of Propagation:	69% (NVP)	ATM-155
Nominal Delay:	0.45ns/m	100VG-ANYLAN
Voltage Withstand:	300VDC	TR-4 / TR-16 ACTIVE / TR-16 PASSIVE
Certified to: ISO/IEC 11801 Ed.2, ANSI/TIA 568-C.2, AS/NZS 3080, AS/CA S008:2010		

Mechanical/Environmental Specifications	
<b>CONSTRUCTION</b>	
Conductor Material:	Bare Copper 23AWG (0.55mm ± 0.01mm)
Insulating Material:	HPDE (0.20mm)
Cross Driver:	Yes (PE flame resistant)
Inner Wrapping:	PET
Drain Wire:	Bare Copper (0.50mm)
Primary Shield:	Aluminium Foil (0.08mm)
Secondary Shield:	None
Rip Cord	Yes
Outer Jacket	Black UV PVC CMR (0.7mm ± 0.10mm)
<b>PHYSICAL CHARACTERISTICS</b>	
Overall Diameter	7.4mm ± 0.20mm (Nominal)
Operating Temperature	-20 +60°C
Tensile Strength - Jacket	> 16MPa
Tensile Strength - Insulation	> 16MPa
Tensile Strength - Conductor	> 300MPa
Elongation – Jacket	> 150%
Elongation – Insulation	> 300%
Elongation – Conductor	> 23%

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