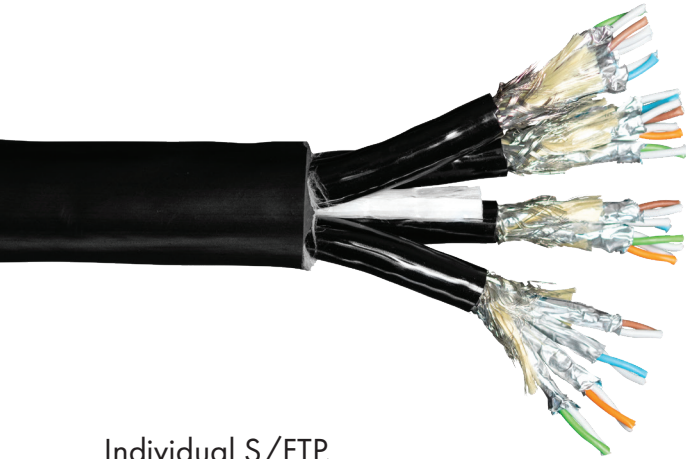


## Flexible, portable CAT5e Snake Cables designed for the harshest conditions.



Individual S/FTP,  
ISO/IEC11801 compliant,  
100 Ohm, 24 AWG, CAT5e  
cables with PU jackets.



- Manufactured with TMB's "ruggedized" technology, evolving from the rigors of Rock & Roll concert touring since 1983.
- Endures constant hand-coiling and twisting, all weather conditions indoors and outdoors, and mechanical abuse of all kinds.
- Each channel (or "universe") can also be wired for DMX or Com
- Custom snakes with a variety of connectors in any configuration.  
Made to order - Rush Service Normal.

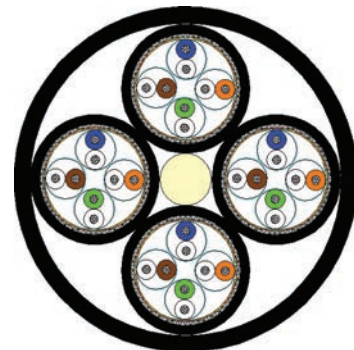
**RoHS**  
Compliant

Overall Assembly Specifications		
Part Number	PCCAT5ETU4X	
Overall Jacket	Material	UV resistant, flexible PVC compound
	Colour	Black
	Marking	PROPLEX ULTRA 4x CAT5E SNAKE S/FTP ETHERNET PATCH CABLE
	Overall Diameter	22 mm +/- 0.5 mm
Weight	375 kg/km nom.	
Bending Radius	250 mm Min. operational	
Working Temperature	-40 °C to +70 °C	
Tensile Force	150 N Max.	
Typical operational installation channel length:	Up to 75 m (20 °C)	
Flame test	IEC 60332.1	
Environmental	per IEC 61156-6 and ISO/IEC 11801	
RoHS compliance	RoHS-2 2015/863/EU	

Individual Cable Electrical Specifications	
Pair Mutual Capacitance	42 pF/m
Capacitance Unbalance	1.4 pF/m (800 Hz)
Pair Characteristic Fitted Impedance	100 +/- 5 Ohm (100 MHz)
Velocity of Propagation	78 % nom.
Max Skew Delay	25 ns/100m
Conductor DC Resistance	93 Ohm/km, max. @ 20 °C
Resistance Unbalance	2% max. (within pairs)
Insulation Resistance	5 GOhm/km min.
Alien Cross Talk	Proven by design per IEC 61156-6
Coupling Attenuation	Type I per IEC 61156-6
Transfer Impedance	Grade 1 per IEC 61156-6
Transverse conversion loss (TCL)	Level A per IEC 61156-6
Attenuation	0.65 dB/10m @ 10 MHz 0.85 dB/10m @ 16 MHz 2.0 dB/10m @ 62.5 MHz 2.5 dB/10m @ 100 MHz
NEXT	58 dB @ 10 MHz 56 dB @ 16 MHz 45 dB @ 62.5 MHz 43 dB @ 100 MHz
ACR	57.2 dB @ 10 MHz 54.9 dB @ 16 MHz 42.6 dB @ 62.5 MHz 40.1 dB @ 100 MHz

Individual Cable Physical Specifications		
Conductors	Stranded tinned copper, 7x0.2 mm (24/7 AWG)	
Insulation	Cellular PO, 1.4 mm nom. O.D.	
Number of Pairs	4	
Colour Code	Blue X White   Orange X White   Green X White   Brown X White	
Assembly	4 pairs cabled together. Each pair wrapped with an aluminum foil shield. Overall braid shield with aramid strength yarns	
Shields	Individual aluminum foil, 100% coverage	
	Overall Tinned copper braid, 80% coverage	
Jacket	Material	Industrial grade UV resistant PU compound
	Colour	Black
	Overall Diameter	8.1 mm +/- 0.3 mm

**ProPlex CAT5e Ultra Ethernet cable meets attenuation specs up to 75 m (246 ft); meets all other CAT5e performance specs up to 100 m (328 ft)**



Cross Section