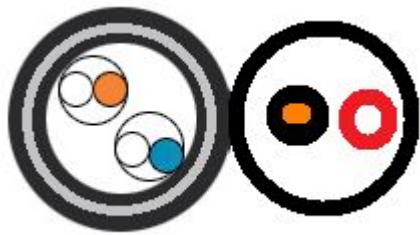


CABLE COMPOSITE 2×2/24AWG SHIELDED CAT. 5e + 2/16 AWG LDPE 450M

Part Number:PROCAT5ETURBO					Cross Section			
Application								
-Mixed signal systems and data -Support services -TVI cameras signal transmission								
STANDARD COMPLIANCES								
As Per ANSI/TIA,ISO/IEC Standards ANSI/TIA-568-C.2 of Perm. Link ISO/IEC 2nd Edition 11801 Class E of Perm. Link ETL Verified								
Construction: 2×2/24AWG Shielded CAT.5e					Construction: 2/16 AWG Power Cable			
Conductor	100% Copper				Conductor	Bare Copper		
AWG	24				AWG	16		
Insulation	HDPE				Conductor Dia.(mm)	26*0.25		
Average Thickness(mm)	0.18				Insulation	HDPE		
Insulation Dia.(±0.02mm)	0.91				Insulation Dia.(±0.02mm)	2.25		
1 st Shielded	Aluminum Foil				Jacket	LDPE		
2 nd Shielded	Al Alloy Braiding				Outer Dia.(±0.2mm)	5.0		
Jacket	LDPE				Insulation Color			
Average Thickness(mm)	0.55				Black-Red			
Outer Dia.(±0.2mm)	4.5				Jacket Color			
Rip Cord	Per request				Standard	Black		
Insulation Color					Electrical Specifications			
Blue-White/ Blue	Orange-White/Orange				Conductor resistance	Max 9.38ohm/100M at 20℃		
Jacket Color					Max. ring resistance	16.8 ohm/100M at 20℃		
Standard	Black				Max. mutual capacitance	46.00 pf/M		
Special	Per customer Request				Max Differential delay(Skew)	45ns		
Packing Term					Max. capacity unbalance	330 pf/100M		
Packing Length	Per customer Request				Standard impedance	100±15 ohm between 1Mhz and 100Mhz		
Packing type	Wooden Drum				Working temperatures	-20~60℃		
Frequency (Mhz)	ACR (dB)	RL (dB)	ATT (dB/100)	Min NEXT (dB)	Min PS-NEXT (dB)	Min ELFEXT (dB)	Min PS-ELFEXT (dB)	
1	66.3	20	2.1	68.0	66.0	63.8	60.8	
4	55.2	23.0	4.2	59.2	57.2	51.7	48.8	
10	46.8	25	6.6	53.3	51.3	43.8	40.8	
20	39.5	25	9.4	48.8	46.8	37.8	34.8	
25	36.9	24.3	10.3	47.3	45.3	35.8	32.8	
31.25	34.2	23.6	11.8	45.9	43.9	33.9	30.9	
62.3	24.4	21.5	17.1	41.1	39.4	27.8	24.8	
100	16.3	20.1	22.2	38.3	36.3	23.8	20.8	

*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%