

UB04TCPRO



Specifications

TOUGH Cable PRO Specifications		
Level 1 Shielding Protection	Cable	CAT5e, Shielded
	Ethernet Support	Up to 1 Gbps
	Conductor Wire Gauge	24 AWG
	Conductor	Solid Bare Copper
	Conductor Diameter	0.500 ± 0.005 mm
	Insulation Type	Solid PE
	Insulation Thickness	AVG: 0.26 mm, MIN: 0.25 mm
	Insulation Diameter	1.04 ± 0.03 mm
	Separation (Polyester Wrapping)	Thick: 0.025 mm, Extent: 20 mm
	Anti-Crosstalk Divider	None
	Cable Shield (Aluminum Foil)	Thick: 0.060 mm, Extent: 18 mm
	ESD Drain Wire	0.4 CCS
	Rip Cord	Yes
	Jacket Material	PE
	Jacket Thickness	AVG: 0.50 mm, MIN: 0.46 mm
	Jacket Outer Diameter	6.0 ± 0.30 mm
	Jacket Color	Black
Reference Standard	ISO/IEC 11801, TIA/EIA568B.2	

PRO Performance					
Frequency (MHz)	RL (dB) min.	Attenuation (dB/100 m)	NEXT/PSNEXT (dB)	ACR (dB)	ELFEXT/PSELFEXT (dB/100 m)
1	17.0	2.03	62.30	60.30	60.75
4	18.8	4.04	53.26	49.20	48.71
8	19.7	5.76	48.75	43.00	42.69
10	20.0	6.46	47.30	40.80	40.75
16	20.0	8.24	44.30	36.10	36.67
20	20.0	9.26	42.78	33.50	34.73
25	19.3	10.41	41.33	30.90	32.79
31.25	18.6	11.72	39.87	28.20	30.86
62.5	16.5	16.99	35.36	18.40	24.83
100	15.1	21.97	32.29	10.30	20.75
150	13.80	23.40	18.60/30.30	8.30	17.60/18.50

