

Tones & Probes

Helping you choose the right Tone & Probe for the job...

Industry	Product	Cable pair ID (CPI)	Cadence change for multi use	Talk Battery	Continuity	Polarity	IP Rating	Battery Life	Output V Pk-Pk	Distance Range	Warranty	Additional Features
Telecommunication	PTS100 PTS PTS200	✓			✓	✓		>15 hrs >290 hrs	8.0V	~11km	1 year	• Available with BT plug or RJ11
	77M-G 601K-G 200B-G	✓	✓	✓	✓	✓		>50 hrs >50 hrs	10.2V	~13km	1 year	• 52VDC Voltage Protection • Modular test lead & croc clips
	77HP-G 701K-G 200EP-G	✓	✓	✓	✓	✓		>50 hrs >50 hrs	6.7V	~15km	1 year	• LED Torch for work in dark closets • 150VDC Voltage Protection • Headset socket 2.5mm
	77GX 711K 200GX	✓	✓	✓	✓	✓		>50 hrs >50 hrs	High 21.5V Low 8.8V	~15km	1 year	• Removable modular jack lead • Visible & audible signal strength
	77HP 801K 200FP	✓	✓	✓	✓	✓		>50 hrs >50 hrs	10.2V	~17km	1 year	• 50Hz AC mains filter
	AT8L 802K 200FP	✓	✓	✓	✓	✓		>25 hrs >50 hrs	6.0V	~17km	1 year	• Hub / PC Blink • 50Hz AC mains filter • Built in Modular adaptor (access all 8 wires in Data cable)
	77GX 811K 200XP	✓	✓	✓	✓	✓		>50 hrs >50 hrs	High 21.5V Low 8.8V	~15km	1 year	• 50Hz AC mains filter • 1kHz band pass filter (Discriminator mode)
	TG600 500/600 TP500	✓	✓		✓		IP 67	>200 hrs >60 hrs	25.7V	~40km	3 years	• Pure sine wave reducing cross talk • Headset option
	TG600 CTS 132J Amp109K	✓	✓		✓	✓	IP 67	>200 hrs >500 hrs	25.7V	~45km	3 years	• Electric & magnetic field detection • Cable verification / Identification • UG cable location
Data	AT8L2 AT8LK 200GX	✓	✓	✓	✓	✓		>25 hrs >50 hrs	6.0V	~15km	1 year	• Hub / PC Blink • Hub / PC Detect • Built in Modular adaptor (access all 8 wires in Data cable)
	NC100EP NC100EP 200EP	✓	✓		✓	✓		>100 hrs >50 hrs	10.0V	~9.5km	1 year	• Wire map data cable • Tracing modes adjusted for high performance cable • Identifies common faults e.g shorts, opens, cross, split
Coax CATV	402R 402K 402T		✓		✓			>25 hrs >25 hrs	20.0V	5km magnetic 8km inductive 15km direct	1 year	• Trace coax cable • ID terminated & non terminated cables
Security & Alarm	620 620K 200EP	✓			✓	✓		>100 hrs >50 hrs	9.3V	~11.5km	1 year	• Test normally open & normally closed switches • Latching facility for intermittent faults

Tone & Probe Matrix

	PTS	601K-G	701K-G	711K	801K	802K	811K	500/600	CTS 132J	AT8LK	NC100EP	402K	620K
Identify wires in multi pair cable	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Polarity indication of telephone lines	✓	✓	✓	✓	✓	✓	✓						✓
Continuity test	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Trace wires behind walls									✓				
Underground cable tracing									✓				
Provide Talk Battery		✓	✓	✓	✓	✓	✓						
Indication of line condition			✓	✓	✓	✓	✓						
Multi cadence		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	
Data cable breakout							✓			✓			
Mains hum filter					✓	✓	✓						
Headset connection			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sine wave output								✓	✓				
Square wave output	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
Auto shut off				✓		✓	✓			✓	✓		
CATV / Coax											✓	✓	
Blink hub						✓				✓			
Detect hub										✓			
Blink PC						✓				✓			
Detect PC										✓			
Transformer coupled output								✓	✓				
Capacitor coupled output	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Variable output power				✓			✓						
Alarm latch facility													
500Hz - 5kHz broad frequency detect	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓
577Hz / 1kHz Band pass filter							✓	✓	✓				
Rain proof								✓	✓				
Drop proof								✓	✓				
Waterproof to IP 67								✓	✓				
3 year warranty								✓	✓				
Discriminate between identical cables in same duct									✓			✓	
Tone Generator Voltage protection (600R)	60VDC	52VDC	150VDC	60VDC	52VDC	60VDC	60VDC	200VDC	200VDC	60VDC	50VDC	60VDC	120VAC
Wiremap											✓		
Signal strength indication LED			✓	✓	✓	✓	✓			✓	✓	✓	✓
Frequency	1004Hz	890/960Hz	890/960Hz	577/983Hz	900/1100Hz	810/1110Hz	577/983Hz	983Hz	983Hz	823/1115Hz	577/983Hz	75Hz	900/980Hz
Output Launch power (Pk-Pk)	8.0V	10.2V	6.7V	21.5V	10.2V	6.0V	21.5V	25.7V	25.7V	6.0V	10.0V	20.0V	9.3V