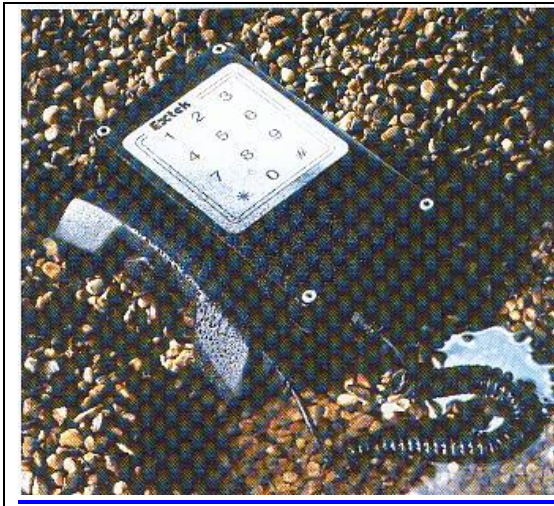


# Extek

## Weatherproof Telephones



- **Weatherproof**
- **Extremely rugged construction**
- **Increased safety**
- **Non-metallic design**
- **Solid state electronics throughout**
- **Highly reliable operation & low cost of ownership**

## Key Information

The Tuftel 2301 series of telephones are suitable for use in airports, tunnels, power stations, railways, roads, ships, quarries, hostile and/or extremely noisy environments.

### Features Include

- Weatherproof and extremely rugged construction
- High safety factor due to their non-metallic case & headset
- Corrosion resistant
- Solid state electronics throughout
- Highly reliable operation and low cost of ownership

- Post or wall mounted glass fibre reinforced black enclosure
- Noise cancelling microphone
- Enclosure IP65 (typical)
- Polyester keypad offering a higher resistance to damage over metal equivalents
- Relay for use of a beacon or hooter

The Tuftel 2301 has been designed using the latest technology and manufacturing specifications. It is compatible with a wide range of telephone exchanges; ensuring clear speech at all times.

## Applications

Airports · Tunnels · Power Stations · Ships · Quarries

### Specifications

Enclosure Material	Glass reinforced polyester, approx. 4mm
Dimensions (mm)	(H)220 x (W)170 x (D)95
Weight (kg)	2.1 approx., depending on options
Temperature Range	From -30°C to +60°C
Relative Humidity	To 95% (non-condensing)
Degree Of Protection	IP65 (typical)
Cable Entries	Single cable entry fitted with a PG7 gland
Headset Body	Heavy duty plastic
Headset Cord	10m cord
Handset Wrench Test	18kg max.
Power Supply	Drawn from telephone line
Nominal Line Voltage	48VDC
Line Impedance	600 Ohms, resistive or complex
Line Levels	Generally speech and DTMF tone levels as per ITU-T
Off Hook Loop	Electronic
Audible Caller	Piezo electric sounder
Ringing Voltage	60VAC (typical) – 90VAC (maximum)
Ringing Tone SPL	85dBa at 1m (typical) REN 1

<u>Option</u>	<u>Keypad 12-Key</u>		<u>Headset Cord</u>
<u>Type</u>	Polyester	Stainless Steel	
Tuftel 2310P	Yes	-	<b>10m cord Standard on all models</b>
Tuftel 2310N	Yes	-	
Tuftel 2310C	-	Yes	
Tuftel 2310S	-	Yes	