LEAK DETECTION

Floodline Ranger® Leader Cable

4-core leader cable for Ranger® distance measuring sensor cable.



Defence-standard, durable 4-core leader cable

This high-reliability, defence-standard, multicore cable provides robust signal transmission between Andel's Floodline Ranger® 2 distance-measuring sensor cable and the Floodline Ranger® 2 control panel. Designed to meet UK Defence Standard 61-12 Part 5, it offers exceptional performance and durability in demanding environments.

It is ideal for industrial monitoring and sensing systems where accuracy and resilience are critical — a defence-grade, multicore flexible cable providing reliable, noise-resistant connections for precision instrumentation.



Floodline Ranger® Leader Cable — a 4-core, tinned-copper-screened cable for signal transmission between Ranger® sensor cable and control equipment.

Benefits at a glance

- Defence-grade reliability — built to rigorous Defence Standard 61-12 Part 5 for proven performance in demanding environments
- Exceptional signal integrity — braided tinned copper screening minimises electrical noise and interference
- Durable and flexible — withstands vibration, temperature extremes and mechanical stress
- Consistent accuracy — stable, low-resistance connections for precise readings
- Corrosion-resistant design — tinned copper conductors maintain conductivity in humid or exposed settings
- Easy integration — compact, flexible construction simplifies installation

Configurations

Ranger 2 Leader Cable
Item 300140 · per m

Ranger Leader Cable Assembly 5m
Item 600309

Ranger Leader Cable
Item 600343 · per m

Ranger 2 Leader Cable 5m Assembly
Item 600524

TECHNICAL INFORMATION

Compliance: Defence Standard 61-12 Part 5

Number of cores: 4

Nominal sheath thickness: 0.85mm

Nominal overall diameter: 6.3mm

Weight: Nominal 49.49 kg/km

Voltage rating: 440V r.m.s. (up to 1.6kHz)

Conductor resistance (20°C): 40.1 Ω/km (16/0.2mm)

Current capacity: 2.5A

Temperature range: Fixed: -30°C to +70°C; flexed: -15°C to +70°C

Minimum bending radius: Fixed: 7.5 × overall diameter

Conductor: Class 5 flexible tinned copper (0.5mm², 16/0.2mm)

Insulation: PVC (polyvinyl chloride)

Screen: TCWB (tinned copper wire braid) for enhanced signal integrity and EMI protection

Sheath: PVC, black

Lengths available: 5m, 10m, 20m

Standards & certifications

- Defence Standard 61-12 Part 5