

KC series test leads

Wind turbine lightning protection high current test lead sets (10 A)



- Designed to work with DLRO10 and BT51
- Developed in conjunction with a leading manufacturer of wind turbines
- Allows easy and reliable measurement of lightning protection circuit resistance of wind turbines
- Available in three lengths, 30 m, 60 m and 100 m to suit both manufacturing and maintenance applications
- Long cable fitted on strong metal framed cable reel
- Cable reel fitted with friction brake to avoid tangles when paying out cable
- Uses duplex connect test lead system

DESCRIPTION

The KC-series of test leads provide a complete and convenient solution to the problem of finding reliable test leads that are long enough for testing the continuity of lightning protection conductors in wind turbines.

KC-series wind turbine test leads are available in 100 m, 60 m and 30 m (330 ft, 200 ft and 100 ft) versions that are equally suitable for use on site or in the manufacturing plant. All lead set versions are 10 A rated.

The lead sets consist of two test leads. One is a 6 m (19 ft) lead and the other is the longer lead at either 30 m, 60 m or 100 m (100 ft, 200 ft or 330 ft) according to your needs. Either of the leads can be fitted with interchangeable terminations according to user preference or to meet a specific application. Each KC series Test Lead kit comes with one duplex handspike and one large robust Kelvin clip. These terminations can be fitted to either leads ensuring versatility and flexibility according to your application and preferred orientation. The duplex handspike is suitable for probing the lightning receptors on the tips of the turbine blades and the Kelvin Clip is suitable for clipping to suitable points in the nacelle or base of the tower.

The Megger DLRO duplex Connect test lead system is designed to be the most cost effective and convenient way for the user to change lead set terminations according to their personal preference or to meet the needs of virtually any application that they may encounter in low resistance testing. At the centre of this unique test lead system is a bespoke connector allowing terminations such as kelvin clips or duplex test probes to be quickly changed as required. A wide array of additional terminations are available as optional accessories.

The long cable is wound onto a high quality, robust cable reel fitted with a friction brake to avoid tangles while paying out.

ADDITIONAL FEATURES AND BENEFITS

- Hook terminations marked with C or P to assist in making the correct connections.
- Duplex handspikes has a compress and rotate action to ensure good connection to lightning receptors.
- Cable guide on cable reel to assist with neat rewinding.
- Light weight, even 100 m long KC100 lead set is less than 15 kg (33 lb).
- Duplex connect test lead system allows probes or clips to be changed quickly and easily on site.