

Title (en)

METHOD FOR MEASURING ELECTRICAL CHARACTERISTICS OF A TELECOMMUNICATION CABLE

Title (de)

MESSVERFAHREN ZUR MESSUNG DER ELEKTRISCHEN EIGENSCHAFTEN EINES NACHRICHTENKABELS

Title (fr)

PROCEDE DE MESURE DES CARACTERISTIQUES ELECTRIQUES D'UN CABLE DE TELECOMMUNICATION

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Application

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Abstract (en)

[origin: WO0163305A1] The invention concerns a method for measuring the electrical characteristics of a telecommunication cable (10) comprising a bundle of electric wires (11) transporting an operating voltage (U) delivered by an equipment (15) with ground reference, arranged in an insulating sheath comprising a conductive shield (12). The invention is characterised in that it comprises a step which consists in measuring the insulating resistance (Riso) of the shield (12) relative to the ground, a step which consists in determining a global insulating resistance (Ri) of the bundle of wires (11) relative to the conductive shield (12) from the result of the measurement of the insulating resistance (Riso) and the electric potential (Pe) of the shield. The invention is useful for characterising or maintaining telecommunication cables.

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