

1. Record Nr.	UNISA996574653503316
Titolo	1637-2020 : IEEE guide for selection and application of terminations for shielded AC power cable rated 5 kV to 46 kV / / Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York, New York : , : IEEE, , 2021
ISBN	1-5044-7110-5
Descrizione fisica	1 online resource (54 pages)
Disciplina	621.31934
Soggetti	Electric cables Electric power systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	A step-by-step process for selecting an appropriate termination that is commensurate with a particular shielded power cable design is provided in this guide. Over the years, shielded power cables have been developed that employ many different insulating materials and many different shielding systems, such that, there are numerous issues to consider when selecting a termination for a particular cable design. Over the same period of time, many different termination methods and designs have been developed that serve the same purpose, but employ different application methodologies. No attempt is made in this guide to cover every cable and termination design, and it is generally restricted to single conductor underground residential distribution (URD) and shielded power cable that have a voltage rating from 5 kV to 46 kV, which includes some industrial cables. By nature, the terminations referred to in this guide are considered to be "live front," in that the terminations comprise a transition from a shielded power cable system to an energized component or bus that is either bare or simply covered.