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Sommario/riassunto	The most common shield/sheath-bonding systems now in use on medium through extra high-voltage (5 kV to 500 kV) single-conductor shielded power cables and the methods of calculating the corresponding shield/sheath voltages and currents, when the cables are operated as part of a three-phase system, with the neutral grounded directly or through an impedance, are described in this guide. Keywords: bonding, cross bonding, distribution cable, grounding, high-voltage cable, IEEE 575, medium-voltage cable, power cable, sheath, sheath bonding, sheath voltage limiters, shield, shield bonding, shield voltage limiters, single-point bonding, special bonding, SVL, transmission cable.