

B3 INTERNATIONAL

LSZH / HFFR Compound

B3 International's range of ELV/BMS cables with LSZH/HFFR sheath will comply towards below set of standards:

Standard	Standard Name	Subpart	Subpart Name
BS EN 50290-2	Communication cables. Common design rules and construction.	-27	Communication cables. Common design rules and construction. -Halogen free flame retardant thermoplastic sheathing compounds
IEC 60228	Conductors of Insulated Cables	Class 2	
IEC 60332	Tests on electric and optical fibre cables under fire conditions - flame spread/ fire propagation	-3	Part 3-24: Test for vertical flame spread of vertically-propagation mounted bunched wires or cables. Category C
IEC 60754	Tests on gases evolved during combustion of materials from cables	-1&-2	Part1: Procedures- Determination of amount of Halogen acid gas Part2: Procedures- Determination of degree of acidity of gases for materials by measuring PH and conductivity.
IEC 61034	Measurement of Smoke Density of cables burning under defined conditions	-1&-2	Part 1: Test Apparatus Part 2: Test procedure and requirement
RoHS Directives	Restriction of Hazardous Substances in Electrical and Electronic Equipment		