



CWZ FIRE SURVIVAL POWER CABLE

BS 6387

36 orderable sizes

STANDARD BS 6387	VOLTAGE CLASS 450/750 V	CONDUCTOR Copper conductor
INSULATION / JACKET LSZH		

Construction

- 1 ■ **Conductor (per core)** – Copper conductor · 7 × Ø0.52 mm · IEC 60228 cl.2
- 2 ■ **Core insulation** – Fire resistant LSZH insulation
- 3 ■ **Filler** – PP filler
- 4 ■ **Sheath** – LSZH

Size selection — all available cross-sections

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
BS 6387 CWZ Mica LSZH 450/750 V 2 core 1.5 mm ²	450/750 V	2 core	1.5 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	12 mm
BS 6387 CWZ Mica LSZH 450/750 V 2 core 2.5 mm ²	450/750 V	2 core	2.5 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	12 mm
BS 6387 CWZ Mica LSZH 450/750 V 2 core 4 mm ²	450/750 V	2 core	4 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	13 mm
BS 6387 CWZ Mica LSZH 450/750 V 2 core 6 mm ²	450/750 V	2 core	6 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	14 mm
BS 6387 CWZ Mica LSZH 450/750 V 2 core 10 mm ²	450/750 V	2 core	10 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	16 mm
BS 6387 CWZ Mica LSZH 450/750 V 2 core 16 mm ²	450/750 V	2 core	16 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	18 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
BS 6387 CWZ Mica LSZH 450/750 V 2 core 25 mm ²	450/750 V	2 core	25 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	21 mm
BS 6387 CWZ Mica LSZH 450/750 V 2 core 35 mm ²	450/750 V	2 core	35 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	23 mm
BS 6387 CWZ Mica LSZH 450/750 V 2 core 50 mm ²	450/750 V	2 core	50 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	26 mm
BS 6387 CWZ Mica LSZH 450/750 V 3 core 1.5 mm ²	450/750 V	3 core	1.5 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	13 mm
BS 6387 CWZ Mica LSZH 450/750 V 3 core 2.5 mm ²	450/750 V	3 core	2.5 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	14 mm
BS 6387 CWZ Mica LSZH 450/750 V 3 core 4 mm ²	450/750 V	3 core	4 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	15 mm
BS 6387 CWZ Mica LSZH 450/750 V 3 core 6 mm ²	450/750 V	3 core	6 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	16 mm
BS 6387 CWZ Mica LSZH 450/750 V 3 core 10 mm ²	450/750 V	3 core	10 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	18 mm
BS 6387 CWZ Mica LSZH 450/750 V 3 core 16 mm ²	450/750 V	3 core	16 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	20 mm
BS 6387 CWZ Mica LSZH 450/750 V 3 core 25 mm ²	450/750 V	3 core	25 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	22 mm
BS 6387 CWZ Mica LSZH 450/750 V 3 core 35 mm ²	450/750 V	3 core	35 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	25 mm
BS 6387 CWZ Mica LSZH 450/750 V 3 core 50 mm ²	450/750 V	3 core	50 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	27 mm
BS 6387 CWZ Mica LSZH 450/750 V 4 core 1.5 mm ²	450/750 V	4 core	1.5 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	15 mm
BS 6387 CWZ Mica LSZH 450/750 V 4 core 2.5 mm ²	450/750 V	4 core	2.5 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	16 mm
BS 6387 CWZ Mica LSZH 450/750 V 4 core 4 mm ²	450/750 V	4 core	4 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	17 mm
BS 6387 CWZ Mica LSZH 450/750 V 4 core 6 mm ²	450/750 V	4 core	6 mm ²	BS 6387 CWZ fire, water and mechanical	LSZH bedding and sheath	18 mm

Cable reference	Voltage class	Core layout	Conductor size	Fire performance	Protection / screen	OD guide
				shock		
BS 6387 CWZ Mica LSZH 450/750 V 4 core 10 mm ²	450/750 V	4 core	10 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	20 mm
BS 6387 CWZ Mica LSZH 450/750 V 4 core 16 mm ²	450/750 V	4 core	16 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	22 mm
BS 6387 CWZ Mica LSZH 450/750 V 4 core 25 mm ²	450/750 V	4 core	25 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	24 mm
BS 6387 CWZ Mica LSZH 450/750 V 4 core 35 mm ²	450/750 V	4 core	35 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	26 mm
BS 6387 CWZ Mica LSZH 450/750 V 4 core 50 mm ²	450/750 V	4 core	50 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	29 mm
BS 6387 CWZ Mica LSZH 450/750 V 5 core 1.5 mm ²	450/750 V	5 core	1.5 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	17 mm
BS 6387 CWZ Mica LSZH 450/750 V 5 core 2.5 mm ²	450/750 V	5 core	2.5 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	18 mm
BS 6387 CWZ Mica LSZH 450/750 V 5 core 4 mm ²	450/750 V	5 core	4 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	19 mm
BS 6387 CWZ Mica LSZH 450/750 V 5 core 6 mm ²	450/750 V	5 core	6 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	20 mm
BS 6387 CWZ Mica LSZH 450/750 V 5 core 10 mm ²	450/750 V	5 core	10 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	22 mm
BS 6387 CWZ Mica LSZH 450/750 V 5 core 16 mm ²	450/750 V	5 core	16 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	24 mm
BS 6387 CWZ Mica LSZH 450/750 V 5 core 25 mm ²	450/750 V	5 core	25 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	26 mm
BS 6387 CWZ Mica LSZH 450/750 V 5 core 35 mm ²	450/750 V	5 core	35 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	28 mm
BS 6387 CWZ Mica LSZH 450/750 V 5 core 50 mm ²	450/750 V	5 core	50 mm ²	BS 6387 CWZ fire, water and mechanical shock	LSZH bedding and sheath	31 mm