

IEC60092-353 (XI) Shipboard Cable - XLPE, LSZH - 1.5mm² to 25mm²



Description

Fixed installation for power, control, and lighting in safe areas, emergency and critical marine applications.

This cable has previously been referred to as 657*ZH.

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
6 x overall diameter



Flame Retardancy
BS EN/IEC 60332-1
BS EN/IEC 60332-3-22 Cat A



Temperature Limits
Temperature Range: -40 to 90°C

Core Colours

White with Black numbers

Standards

- IEC/EN 61034-1/2,
- IEC/EN 60754-1/2
- BS EN/IEC 60332-1
- BS EN/IEC 60228
- BS EN/IEC 60332-3-22
- IEC 60092-353

Construction

- **Conductor:** Class 2 stranded tinned copper
- **Insulation:** XLPE in accordance with IEC60092-360
- **Separator:** Polyester Tape (PET)
- **Bedding:** Halogen free compound

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

IEC60092-353 (XI) Shipboard Cable - XLPE, LSZH - 1.5mm² to 25mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)
6572ZH1/5	1.5	2	7/0.53	8.5	79
6573ZH1/5	1.5	3	7/0.53	9	101
6574ZH1/5	1.5	4	7/0.53	9.8	124
6575ZH1/5	1.5	5	7/0.53	10.7	151
6577ZH1/5	1.5	7	7/0.53	11.7	195
6570/12ZH1/5	1.5	12	7/0.53	15.4	318
6570/19ZH1/5	1.5	19	7/0.53	18.1	475
6570/27ZH1/5	1.5	27	7/0.53	22	673
6570/37ZH1/5	1.5	37	7/0.53	24.7	893
6572ZH2/5	2.5	2	7/0.67	9.3	102
6573ZH2/5	2.5	3	7/0.67	9.9	133
6574ZH2/5	2.5	4	7/0.67	10.8	166
6575ZH2/5	2.5	5	7/0.67	12	210
6577ZH2/5	2.5	7	7/0.67	12.9	267
6570/12ZH2/5	2.5	12	7/0.67	17.3	448
6570/19ZH2/5	2.5	19	7/0.67	20.3	674
6570/27ZH2/5	2.5	27	7/0.67	24.7	955
6570/37ZH2/5	2.5	37	7/0.67	27.7	1272
6572ZH4	4	2	7/0.85	10.5	139
6573ZH4	4	3	7/0.85	11.3	191
6574ZH4	4	4	7/0.85	12.4	241
6572ZH6	6	2	7/1.04	11.7	188
6573ZH6	6	3	7/1.04	12.4	254
6574ZH6	6	4	7/1.04	13.6	323
6572ZH10	10	2	7/1.35	13.5	274
6573ZH10	10	3	7/1.35	14.6	386
6574ZH10	10	4	7/1.35	16	495
6572ZH16	16	2	7/1.70	15.7	401
6573ZH16	16	3	7/1.70	16.9	569
6574ZH16	16	4	7/1.70	18.6	739
6572ZH25	25	2	19/1.35	20.8	895
6573ZH25	25	3	19/1.35	22.3	1132
6574ZH25	25	4	19/1.35	24.7	1429



IEC60092-353 (XI) SHIPBOARD CABLE-ELECTRIC CHARACTERISTICS

CCC CODE	CURRENT RATING	DC RESISTANCE 200C	AC RESISTANCE 900C	INDUCTANCE
	*(AMPS)	(Ω/km)	(Ω/km)	(mh/km)
6572ZH1/5	19	12.1	53	0.343
6573ZH1/5	16	12.1	63	0.384
6574ZH1/5	16	12.1	63	0.377
6575ZH1/5	12	12.1	83	0.383
6577ZH1/5	11	12.1	91	0.383
6570/12ZH1/5	11	12.1	91	0.383
6570/19ZH1/5	11	12.1	91	0.383
6570/27ZH1/5	9	12.1	111	0.383
6570/37ZH1/5	9	12.1	111	0.383
6572ZH2/5	27	7.41	37	0.32
6573ZH2/5	22	7.41	45	0.359
6574ZH2/5	22	7.41	45	0.352
6575ZH2/5	17	7.41	59	0.357
6577ZH2/5	15	7.41	67	0.357
6570/12ZH2/5	15	7.41	67	0.357
6570/19ZH2/5	15	7.41	67	0.357
6570/27ZH2/5	13	7.41	77	0.357
6570/37ZH2/5	13	7.41	77	0.357
6572ZH4	34	4.61	29	0.3
6573ZH4	28	4.61	36	0.337
6574ZH4	28	4.61	36	0.329
6572ZH6	44	3.08	23	0.285
6573ZH6	36	3.08	28	0.321
6574ZH6	36	3.08	28	0.312
6572ZH10	60	1.83	17	0.269
6573ZH10	50	1.83	20	0.303
6574ZH10	50	1.83	20	0.294
6572ZH16	81	1.15	12	0.257
6573ZH16	67	1.15	15	0.291
6574ZH16	67	1.15	15	0.281
6572ZH25	108	0.727	9	0.258
6573ZH25	88	0.727	11	0.292
6574ZH25	88	0.727	11	0.282

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