


**ZEUS  
ELECTRICAL  
DISTRIBUTOR**



**CATÁLOGO**  
**VERSIÓN 1/2024**

A large offshore oil rig is shown in the background, with its complex structure of metal platforms, ladders, and cranes extending into the blue sea. Two prominent yellow cranes are visible on the left and right sides of the rig. The sky is a clear, deep blue.

El objeto social de nuestra empresa  
es la venta, importación y  
distribución de toda clase de cables  
eléctricos, así como asesoría y  
asistencia técnica en el área  
eléctrica industrial.

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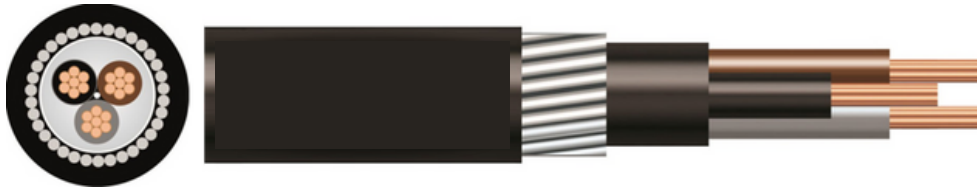
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## SWA LSZH POWER CABLE 0.6/1KV BS6724



Multi-core LSZH cables with steel wire armour (SWA) are versatile power and auxiliary control cables suitable for use in various applications, including power networks, underground installations, and indoor or outdoor use.

They provide excellent mechanical protection against damage, thanks to heavy galvanized steel wire armour, making them ideal for use inside and outside buildings or for direct burial in the ground.

These cables are designed for fixed wiring applications, offering reliability and durability in power networks, both indoors and outdoors, and within cable ducting systems.

CONDUCTOR	Plain Copper
STRANDING	Class 2
INSULATION	XLPE
BEDDING	LSZH
ARMOUR	AWA (single core) or SWA (multi core)
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black
RATEDVOLTAGE	0.6/1kV
CORE IDENTIFICATION	1 Core - Brown 2 Core - Brown, Blue 3 Core - Brown, Black & Grey (Optional: Brown, Blue & Green/Yellow) 4Core - Brown, Black, Grey & Blue (Optional: Brown, Black, Grey & Green/Yellow) 5 Core - Numbered Cores (Optional: Brown, Black, Grey, Blue + Green/Yellow) Core+ - Numbered Cores (Optional: Numbered + Green/Yellow)
MINIMUM BENDING RADIUS	1.5sqmm to 16sqmm - 6 x overall diameter (circular cond.) 25sqmm and above - 8 x overall diameter (shaped cond.)
OPERATING TEMPERATURE	Maximum 90°C. Minimum operating -25°C

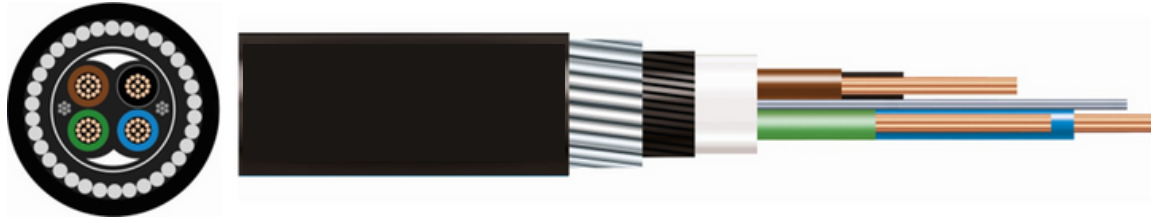
## RE-2X(ST)HSWAH INSTRUMENTATION CABLE



Tailored for analogue and digital communication and control systems, our EN50288-7 Instrumentation cables feature a robust construction and superior electrical transmission properties, ensuring flawless connectivity and performance. Engineered to comply with BS EN 50288-7 standards, they cater to diverse applications, from process plants to petrochemical industries. Withstanding electromagnetic interference, our cables assure uninterrupted signal transmission in instrumentation, control, and communication systems. Available in various configurations to meet specific needs, including collectively and/or individually screened pairs or triples, PVC or LSZH sheaths, a range of armouring options, and fire-resistant variants, our cables offer unparalleled versatility and adaptability for any environment. Elevate your systems with our reliable solutions.

CONDUCTOR	Plain
STRANDING	Copper Class 2
INSULATION	XLPE
COLLECTIVE SCREEN	Collective Aluminium Mylar
BEDDING	LSZH
ARMOUR	Steel Wire Armour
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black, Blue
RATEDVOLTAGE	500V
COREIDENTIFICATION	See table
OPERATING TEMPERATURE	80°C
STANDARDS	EN 50288-7, EN 50288-1, EN 60228, IEC 60332-1-2, IEC 60332-3-24, IEC 60754-1/2, IEC 61034-2

## PAS/BS 5308 CAM PART 1 TYPE 2 LSZH INSTRUMENTATION CABLE



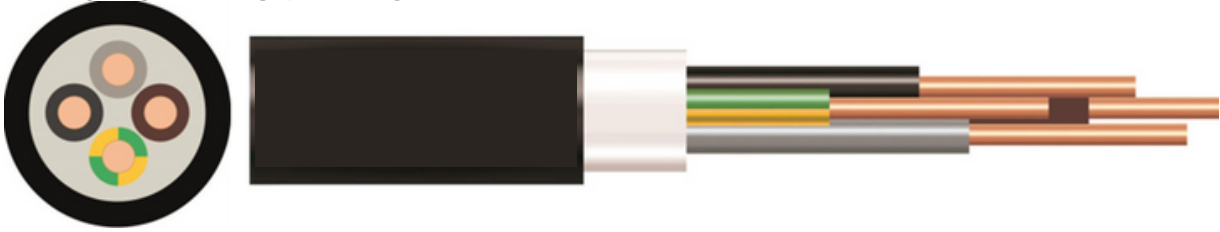
Our instrumentation cables, manufactured to PAS5308 standards, ensure safety and reliability for communication and instrumentation applications in process industries, transmitting analogue or digital signals from various sensors and transducers. These cables, featuring steel wire armour (SWA), provide exceptional protection in aggressive environments.

Designed for indoor and outdoor installations in industrial process plants and for data and voice transmission services, they are also used to interconnect electrical equipment and instruments, particularly in process plants. These cables are widely utilized throughout the petroleum industry.

The cables feature Low Smoke Zero Halogen sheathing, ensuring safety and minimal environmental impact in case of fire. Type 2 armoured cables are suitable for direct burial installations.

CONDUCTOR	Plain Copper
STRANDING	See Spec.Table
INSULATION	XLPE
COLLECTIVE SCREEN	Collective Aluminium Mylar
BEDDING	LSZH
ARMOUR	Steel Wire Armour
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black, Blue
RATED VOLTAGE	300/500V
CORE IDENTIFICATION	According to BS5308 part 1
OPERATING TEMPERATURE	90°C
STANDARDS	BS/PAS 5308, EN 60228

## N2XH-J LSZH POWER CABLE



N2XH-J Flame-retardant LSZH power cables suitable for installation in dry and wet zones, including indoor and outdoor use (excluding direct burial). Commonly utilized in public buildings, offices, and high-security establishments.

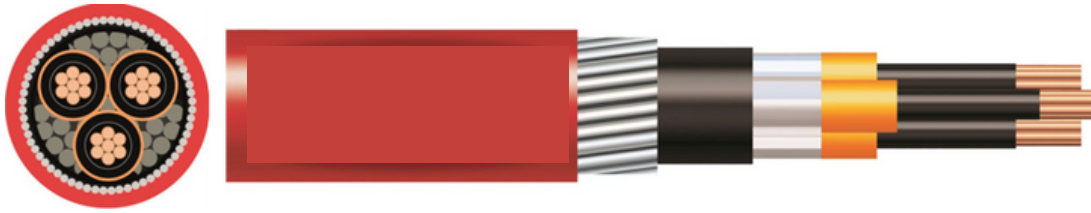
These widely used European power cables are designed for fixed installations with a voltage rating of 600/1000V in public buildings. They can be installed on cable trays, within conduits, or fixed to walls, but are not suitable for direct burial

CONDUCTOR	Plain Copper
STRANDING	Class 1
INSULATION	XLPE
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black
RATEDVOLTAGE	0.6/1kV
COREIDENTIFICATION	2 core: brown, blue 3 core: blue, brown and green/yellow 4 core: brown,black, grey and green/yellow 5 core: black, blue,brown, grey and green/yellow 7 core + : Numbered and green/yellow
MINIMUM BENDING RADIUS	During Installation: 15 x overall diameter Fixed: 10 x overall diameter
OPERATING TEMPERATURE	Fixed: -20°C to +90°C
STANDARDS	BS/PAS 5308, EN 60228
APPROVALS	





## MEDIUM VOLTAGESWA LSZH COPPERBS7835



BS7835-compliant medium voltage armoured cables, featuring stranded copper conductors, are ideal for outdoor use, direct burial, and cable ducting. They're designed for medium voltage power transmission in various applications.

CONDUCTOR	Plain Copper
STRANDING	Class 2
INSULATION	XLPE
BEDDING	LSZH
ARMOUR	Steel Wire Armour
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Red
RATED VOLTAGE	6.35/11kV
CORE IDENTIFICATION	Coloured Tapes: Brown, Black, Grey
MINIMUM BENDING RADIUS	12 x Overall Diameter
OPERATING TEMPERATURE	90°C
STANDARDS	BS7835, BS EN 60332-1-2



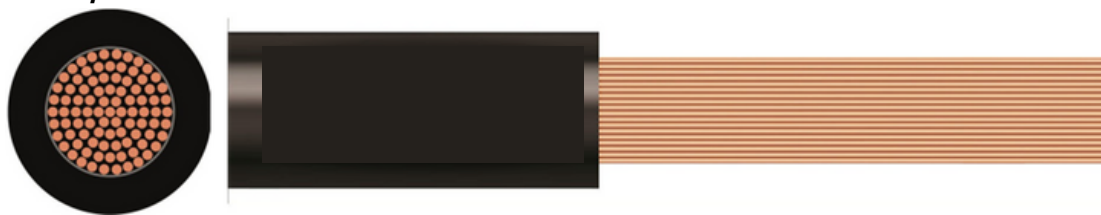
## CAT 5E STRANDED UTP/LSZHCABLE



A 4 pair high performance cable that consists of twisted pair conductors, used mainly for data transmission. Category 5E supports a frequency range of up to 100MHz and is designed for transmission speeds of up to 1 gigabit per second (Gigabit Ethernet).

CONDUCTOR	Plain Copper
STRANDING	Class 2
INSULATION	PE
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Violet
SHIELD	UTP
CORE IDENTIFICATION	Pair 1: Blue, White/Blue Pair 2: Orange, White/Orange Pair 3: Green, White/Green Pair 4: Brown, White/Brown
MINIMUM BENDING RADIUS	12 x Overall Diameter
OPERATING TEMPERATURE	90°C
STANDARDS	EN50288-1, EN50288-3-2: patch cord cable, EN50173 ISO/IEC 11801

## 2491-B / 6701-BLSZH SINGLE CORE FLEXIBLE CABLE H07Z-K



These LSZH (Low Smoke Zero Halogen) cables are suitable for wiring appliances, switchgear instrument panels, and metering equipment, particularly in areas where smoke and toxic fumes pose a threat to life or equipment during a fire. With a flexible single core construction and LSZH outer sheath, they are ideal for use in high-traffic environments like hospitals, supermarkets, airports, and offices. These cables ensure safety by producing no corrosive gases when burned, making them suitable for installations with electronic equipment.

CONDUCTOR	Plain Copper
STRANDING	Class 5
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black, White, Blue, Grey, Violet, Orange, Red, Green/Yellow, Pink, Yellow, Green
RATED VOLTAGE	750V
CORE IDENTIFICATION	Pair 1: Blue, White/Blue Pair 2: Orange, White/Orange Pair 3: Green, White/Green Pair 4: Brown, White/Brown
MINIMUM BENDING RADIUS	Up to 35mm <sup>2</sup> : 4 x overall diameter 50mm <sup>2</sup> and above: 6 x overall diameter
OPERATING TEMPERATURE	Maximum 90°C, Minimum bending -15°C
STANDARDS	BS EN 50525-3-41

## 318-B / H05ZIZI-K LSZH FLEXIBLE CABLE



The 318B H05ZIZI-F cable is crafted for indoor general wiring in public areas, such as hospitals, shopping centers, and airports. Engineered to address risks associated with fire, smoke emission, and toxic fumes, ensuring safety for both life and equipment.

CONDUCTOR	Plain Copper
STRANDING	Class 5
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black, White
RATED VOLTAGE	500V
CORE IDENTIFICATION	2 core: Blue Brown 3 core: Green/Yellow Blue Brown 4 core: Green/Yellow Brown Black Grey 5 core: Green/Yellow Brown Black Grey Blue
MINIMUM BENDING RADIUS	Overall Bending Radius 5x
OPERATING TEMPERATURE	70°C
STANDARDS	50525-3-11, EN 50363-7, EN 50363-8, EN 50575:2014 + A1
APPROVALS	◁HARD▷



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