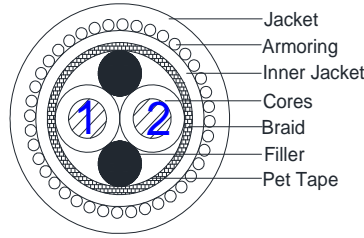


## TECHNICAL DATA SHEET

### Cable Diagram



Description	
Cable Part Code*	I637WKB01
Cable Description	1P1.5mm2 XLP/OBS/LSZH/SWA/LSZH
Cable References Standards	BS EN 50288-7, IEC 60332-3A

Conductor	
Conductor Material	Bare Copper
Conductor Size (mm <sup>2</sup> )	1.5
Conductor Standard	BS EN 50288-7 & IEC 60228 Class 5

Insulation	
No. of Cores / Pairs / Triads	1 Pair
Insulation Material	XLP
Insulation Color Code & Identification	Black*White

Shielding	
Shielded/Unshielded	Tinned copper braid shield

Inner Jacket/Sheath Material	
Inner Jacket Material	LSZH
Nom. Diameter Over Inner Jacket (mm)	9.5

Armoring	
Type of Armor	Galvanized Steel wire Armour
Nom. Diameter Over Steel Wire (mm)	11.3

Outer Jacket/Sheath Material	
Outer Jacket Material	LSZH
Nom. Overall Diameter (mm)	14.1

Physical/Mechanical Properties	
Temperature Rating (°C)	-30°C To +90°C
Oil Resistance	Yes
UV Resistance	Yes
Flame / Fire Retardancy	IEC 60332-3A
Nom. Cable Weight(kg/km)	377

Electrical Properties	
Voltage Rating (V)	500
Max. Conductor Resistance @ 20°C (Ω/km)	7.6
Capacitance Unbalance @ 1KHz (nF/km)	< 150
Max. Inductance (mH/Km)	≤ 1
Max. Inductance to Resistance Ratio L/R (μH/Ω)	< 60

\*Ordering stock code will be created at the time of placing the order and the stock code will include cable part code, outer jacket color & putup length.

Belden Internal Reference Number

I637WKB01

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