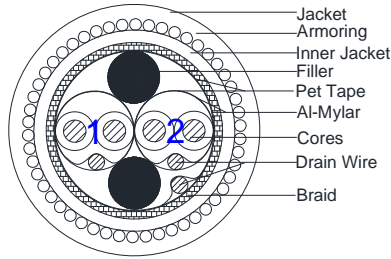


TECHNICAL DATA SHEET

Cable Diagram



Description	
Cable Part Code*	ZJ35WKA02
Cable Description	2P1.5mm ² MGT/XLP/IS/OS/OSB/LSZH/SWA/LSZH Fire resistant cable
Cable References Standards	BS EN 50288-7, IEC 60332-1-2, IEC 60332-3A, IEC 60331-21, BS 6387 CWZ

Conductor	
Conductor Material	Bare Copper
Conductor Size (mm ²)	1.5
Conductor Standard	IEC 60228 Class 2& BS EN 50288-7
Fire Protection Barrier	Mica Glass Tape(MGT)

Insulation	
No. of Cores / Pairs / Triads	2 Pairs
Insulation Material	XLP
Insulation Color Code & Identification	Black*white . All cores with numbering coding 1~2

Shielding	
Shielded/Unshielded	Individual & Overall foil shield with TC drain wire+Tinned copper barid

Inner Jacket/Sheath Material	
Inner Jacket Material	LSZH
Nom. Diameter Over Inner Jacket (mm)	16.0

Armoring	
Type of Armor	Galvanized Steel wire Armour
Nom. Diameter Over Steel Wire (mm)	17.8

Outer Jacket/Sheath Material	
Outer Jacket Material	LSZH
Nom. Overall Diameter (mm)	20.8

Physical/Mechanical Properties	
Temperature Rating (°C)	-30°C To +90°C
Oil Resistance	Yes
UV Resistance	Yes
Flame / Fire Retardancy	IEC 60332-1-2,IEC 60332-3C
Fire Resistance & Circuit Integrity	IEC 60331-21, BS 6387 CWZ (Fire Survival 950°C for 3 Hours)
Nom. Cable weight (kg/km)	660

Electrical Properties	
Voltage Rating (V)	300
Max. Conductor Resistance @ 20°C (Ω/km)	12.34
Max Mutual Capacitance Core to Core @ 1KHz (nF/km)	< 150
Max. Inductance (μH/Ω)	≅ 1
Max. Inductance to Resistance Ratio L/R (μH/Ω)	< 40

*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 SZ-ZJ35WKA02