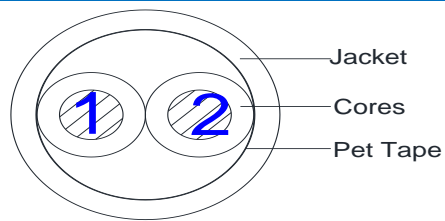


TECHNICAL DATA SHEET

Cable Diagram



| Description | |
|----------------------------|---|
| Cable Part Code* | YJ75411 |
| Cable Description | 2C1.5mm2 XLP/LSZH Fire resistance cable |
| Cable References Standards | EN 50288-7, BS 6387 CWZ |

| Conductor | |
|-----------------------------------|----------------------|
| Conductor Material | Solid Bare Copper |
| Conductor Size (mm ²) | 1.5 |
| Fire Protection Barrier | Mica Glass Tape(MGT) |
| Conductor Standard | IEC 60228 Class 1 |

| Insulation | |
|--|------------|
| No. of Cores / Pairs / Triads | 2 Cores |
| Insulation Material | XLP |
| Insulation Color Code & Identification | Black*Blue |

| Wrap Tape | |
|---------------|----------------|
| Tape Material | Polyester Tape |

| Outer Jacket/Sheath Material | |
|------------------------------|---|
| Outer Jacket Material | LSZH |
| Nom. Overall Diameter (mm) | 9.0 |
| Marking | BELDEN YJ75411 FIRE RESISTANT BS 6387 CWZ CABLE 500V 2 X 1.5mm ² MGT/XLP/LSZH BS EN 50288-7-2005 ROHS YYWWANN XXXXXM |

| Physical/Mechanical Properties | |
|---|----------------|
| Temperature Rating (°C) | -30°C To +90°C |
| UV Resistance | Yes |
| Flame / Fire Retardancy | IEC 60332-3-24 |
| Fire Resistance & Circuit Integrity | BS 6387 CWZ |
| Smoke Density as per IEC 61034-2 (Min. Light Transmittance %) | 60% |
| Halogen Acid Gas as per IEC 60754-1 (%) | 0.50% |
| pH Content as per IEC 60754-2 | ≥ 4.3 |
| Conductivity as per IEC 60754-2 (μS/mm) | ≤ 10 |
| Nom. Cable Weight(kg/km) | 98 |

| Electrical Properties | |
|---|------|
| Voltage Rating (V) | 500 |
| Max. Conductor Resistance @ 20°C (Ω/km) | 12.1 |

*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-NH-5435 Version A

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