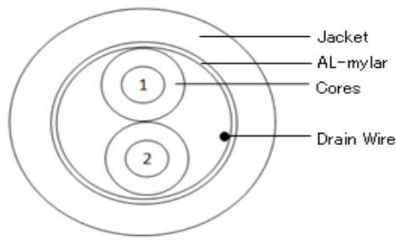


**Cable Diagram**



**Description**

Cable Part Code*	Y62071
Cable Description	1 x 2 x 1.50mm <sup>2</sup> MGT/XLP/OS/LSZH
Cable References Standards	BS EN 50288-7, IEC 60332-1, IEC 60332-3C, BS 6387 CWZ

**Conductor**

Conductor Material	Bare Copper
Conductor Size (mm <sup>2</sup> )	1.50 mm <sup>2</sup>
Conductor Stranding (No. of Strands/Diameter)	30/0.25
Conductor Standard	IEC 60228 & BS EN 50288-7
Fire Protection Barrier	Mica Glass Tape (MGT)

**Insulation**

No. of Cores / Pairs / Triads	2 Cores
Insulation Material	XLPO (Electron Beam (E-Beam) Crosslinked)
Insulation Color Code & Identification	Black* Red

**Shielding**

Shielded/Unshielded	Overall Foil Shield With Drain Wire
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**Outer Jacket/Sheath Material**

Outer Jacket Material	LSZH
Nom. Overall Diameter (mm)	8.70 mm
Outer Jacket Color	Red

**Physical/Mechanical Properties**

Temperature Rating (°C)	-30°C To +90°C
Humidity	≤ 95%
Oil Resistance	Yes
UV Resistance	Yes
Flame / Fire Retardancy	IEC 60332-1 & IEC 60332-2-24 (Category C)
Fire Resistance & Circuit Integrity	BS 6387 CWZ (Fire Survival 950°C for 3 hours)
Smoke Density as per IEC 61034-2 (Min. Light Transmittance %)	60%
Halogen Acid Gas as per IEC 60754-1 (%)	≤ 0.5%
pH Content as per IEC 60754-2	≥ 4.3
Conductivity as per IEC 60754-2 (μS/mm)	≤ 10

**Electrical Properties**

Voltage Rating (V)	300 V
Max. Conductor Resistance @ 20°C (Ω/km)	13.6 Ω/KM
Max Mutual Capacitance Core to Core @ 1KHz (nF/m)	< 150 nF/m
Max. Inductance (μH/Ω)	≤ 1 μH/Ω
Max. Inductance to Resistance Ratio L/R (μH/Ω)	< 40 μH/Ω

\*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-0627